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SJC INSTITUTE OF TECHNOLOGY

(An Autonomous Institute under VTU, Belagavi)

SEMESTER END EXAMINATIONS FEB 2025

Course:	**MATHEMATICS-I FOR EC STREAM**		
Course Code:	**BMATE101**	**Stream: ECE**	
Max Marks:	**100**	**Duration:**	**03 Hours**

Note:

1. Answer ONE question from each MODULE and Question 1 & 2 is compulsory.
2. Any missing Data can be suitably assumed.

		Module - 1	**Marks**	**CO**	**RBTL**
Q1	**a**	Show that the curves $r = a(1 + cos\theta)$ and $r = b(1 - \cos\theta)$ are orthogonal.	**6**	**1**	**L2**
	b	With usual notations prove that $\tan\phi = r\frac{d\theta}{dr}$.	**7**	**1**	**L2**
	c	If $y^2 = \frac{a^2(a-x)}{x}$, then show that $\rho = \frac{a}{2}$ at the point $(a, 0)$.	**7**	**1**	**L3**
		Module – 2			
Q2	**a**	Find the Maclaurin's series of $\sqrt{1 + Sin2x}$ up to fourth degree.	**6**	**2**	**L2**
	b	If $u = f\left(\frac{x}{y}, \frac{y}{z}, \frac{z}{x}\right)$ then prove that $x\frac{\partial u}{\partial x} + \frac{y\partial u}{\partial y} + z\frac{\partial z}{\partial x} = 0$.	**7**	**2**	**L3**
	c	Examine the extreme values of $f(x, y) = x^3 + y^3 - 3xy + 1$.	**7**	**2**	**L4**
		Module – 3			
Q3	**a**	Find the solution of $3x(xy - 2)dx + (x^3 + 2y)dy = 0$.	**6**	**3**	**L1**
	b	Solve $\frac{dy}{dx} + \frac{y}{x} = x^2y^6$.	**7**	**3**	**L3**
	c	An Inductance 2 Henry(H) and a Resistance 20 ohm (Ω) are connected in series with emf E volts(V). If the current is initially zero when t=0, find the current at the end of 0.01seconds if E=100V.	**7**	**3**	**L4**
		OR			
Q4	**a**	Find the orthogonal trajectories of the family of curves $\frac{x^2}{a^2} + \frac{y^2}{b^2+\lambda} = 1$, where λ is the parameter.	**6**	**3**	**L2**
	b	Solve: $xyp^2 - (x^2+y^2)p + xy = 0$.	**7**	**3**	**L3**
	c	Determine the general solution by reducing into Clairaut's form $(px - y)(py + x) = a^2p$ by taking $X = x^2$ and $Y = y^2$.	**7**	**3**	**L4**
		Module – 4			
Q5	**a**	Evaluate $\int_0^a \int_0^x \int_0^{x+y} e^{x+y+z}\, dzdydx$.	**6**	**3**	**L2**
	b	Prove that $\beta(m, n) = \frac{\Gamma(m)\Gamma(n)}{\Gamma(m+n)}$.	**7**	**3**	**L3**

	c	By changing the order of integration, Evaluate $\int_0^1 \int_x^{\sqrt{x}} xy\, dy\, dx$.	**7**	**3**	**L4**
		OR			
Q6	**a**	Evaluate $\int_{-1}^{1} \int_0^z \int_{x-z}^{x+z} (x+y+z)\, dxdydz$.	**6**	**3**	**L2**
	b	Evaluate $\int_0^\infty \int_0^\infty e^{-(x^2+y^2)}\, dxdy$ by changing in to polar form.	**7**	**3**	**L3**
	c	Find the area bounded by ellipse $\frac{x^2}{a^2}+\frac{y^2}{b^2}=1$ by double integration.	**7**	**3**	**L4**
		Module – 5			
Q7	**a**	Find the rank of the matrix $\begin{bmatrix} 2 & -1 & -3 & -1 \\ 1 & 2 & 3 & -1 \\ 1 & 0 & 1 & 1 \\ 0 & 1 & 1 & -1 \end{bmatrix}$	**6**	**4**	**L2**
	b	Determine the largest Eigen value and the corresponding Eigen vector of A= $\begin{bmatrix} 2 & -1 & 0 \\ -1 & 2 & -1 \\ 0 & -1 & 2 \end{bmatrix}$ by power method, taking $\begin{bmatrix} 1 \\ 0 \\ 1 \end{bmatrix}$ as initial vector, perform five iterations.	**7**	**4**	**L3**
	c	Using Modern mathematical tool write a program/code to examine the consistency of the following system of equations and solution $x_1 + 2x_2 - x_3 = 1,\ x_1 + 2x_2 + 4x_3 = 2,\ 3x_1 + 3x_2 + 4x_3 = 1.$	**7**	**5**	**L5**
		OR			
Q8	**a**	Find the solution of the system of equations by Gauss Jordan method $2x + y + 3z = 1, 4x + 4y + 7z = 1, 2x + 5y + 9z = 3.$	**6**	**4**	**L2**
	b	For what values of λ and μ the system of equations $x + y + z = 6,\ x + 2y + 3z = 10,\ x + 2y + \lambda z = \mu$ has i) Unique solution ii) No Solution iii) Infinite solution.	**7**	**4**	**L3**
	c	Using Modern mathematical tool write a program / code to find the largest eigen value of $A = \begin{bmatrix} 1 & 1 & 3 \\ 1 & 5 & 1 \\ 3 & 1 & 1 \end{bmatrix}$ by power method.	**7**	**5**	**L5**

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SJC INSTITUTE OF TECHNOLOGY

(An Autonomous Institute under VTU, Belagavi)

SEMESTER END EXAMINATIONS FEB 2025

Course:	**MATHEMATICS–I FOR CV STREAM**		
Course Code	**BMATC101**	**Stream: CIVIL**	
Max Marks:	**100**	**Duration:**	**03 Hours**

Note:

1. Answer ONE question from each MODULE and Question 1 & 2 is compulsory.
2. Any missing Data can be suitably assumed.

		Module - 1	**Marks**	**CO**	**RBTL**
Q1	**a**	Show that the curves $r = a(1 + cos\theta)$ and $r = b(1 - \cos\theta)$ are Orthogonal.	**6**	**1**	**L2**
	b	With usual notation prove that $\tan\phi = r\frac{d\theta}{dr}$.	**7**	**1**	**L3**
	c	If $r^n = a^n sinn\theta$ then prove that ρ $varies\ inversly\ as$ r^{n-1}.	**7**	**1**	**L3**
		Module – 2			
Q2	**a**	Find the Maclaurin's series of $\sqrt{1 + Sin2x}$.	**6**	**2**	**L2**
	b	If $u = f(2x - 3y,\ 3y - 4z,\ 4z - 2x)$ then prove that $\frac{1}{2}\frac{\partial u}{\partial x} + \frac{1}{3}\frac{\partial u}{\partial y} + \frac{1}{4}\frac{\partial u}{\partial z} = 0$.	**7**	**2**	**L3**
	c	Examine the extreme values of $f(x, y) = x^3 + y^3 - 3x - 12y + 20$.	**7**	**2**	**L4**
		Module – 3			
Q3	**a**	Find the general solution of $(2x + y + 1)dx + (x + 2y + 1)dy = 0$.	**6**	**3**	**L2**
	b	Solve $\frac{dy}{dx} + \frac{y}{x} = y^2x$.	**7**	**3**	**L3**
	c	A body in air at 25^0C cools from 100^0C to 75^0C in 1 minute. Find the temperature of the body at the end of 3 minutes.	**7**	**3**	**L4**
		OR			
Q4	**a**	Find the general solution of $y\left(\frac{dy}{dx}\right)^2 + (x - y)\frac{dy}{dx} - x = 0$.	**6**	**3**	**L2**
	b	Solve $(3x^2y^4 + 2xy)dx + (2x^3y^3 - x^2)dy = 0$.	**7**	**3**	**L3**

	c	Test the Orthogonal trajectories of the family of curves $r^n cosn\theta = a^n$, where " a " is the parameter.	**7**	**3**	**L4**
		Module – 4			
Q5	**a**	Find the general solution of $(4D^4 - 8D^3 - 7D^2 + 11D + 6)y = 0.$	**6**	**3**	**L2**
	b	Solve by using the Method of variation of parameters $y'' - 2y' + y = \frac{e^x}{x}$.	**7**	**3**	**L3**
	c	Solve $(2x+1)^2 y'' - 6(2x+1)y' + 16y = 8(2x+1)^2.$	**7**	**3**	**L3**
		OR			
Q6	**a**	Find the general solution of $(D^2 - 4)y = \cos h(2x-1) + 3^x.$	**6**	**3**	**L2**
	b	Solve $x^2 \frac{d^2y}{dx^2} + x\frac{dy}{dx} + y = sin(\,2\log x).$	**7**	**3**	**L3**
	c	A particle undergoes forced vibrations according to the law $x''(t) + 25\,x(t) = 21\,cos2t$. If the particle starts from rest at $t = 0$, find the displacement at any time $t > 0$.	**7**	**3**	**L3**
		Module – 5			
Q7	**a**	Find the Rank of Matrix $A = \begin{bmatrix} 2 & 1 & -1 & 3 \\ 1 & 2 & 4 & 3 \\ 3 & 6 & 12 & 9 \\ 3 & 3 & 3 & 6 \end{bmatrix}$.	**6**	**4**	**L2**
	b	Solve the system of equations by using Gauss–Jordan Method $x + 2y + z = 3, 2x + 3y + 2z = 5,\ 3x - 5y + 5z = 2.$	**7**	**4**	**L3**
	c	Using Modern mathematical tool write a program/code to find the largest eigen value of the matrix $A = \begin{bmatrix} 1 & 1 & 3 \\ 1 & 5 & 1 \\ 3 & 1 & 1 \end{bmatrix}$ by Power Method.	**7**	**5**	**L5**
		OR			
Q8	**a**	Find the largest Eigen Value and the corresponding Eigen Vector of the matrix by using Power Method (Perform 4 iterations) A= $\begin{bmatrix} 6 & -2 & 2 \\ -2 & 3 & -1 \\ 2 & -1 & 3 \end{bmatrix}$ by taking the initial vector as $[1 \quad 1 \quad 1]^T$.	**6**	**4**	**L2**
	b	Solve the system of equations by using Gauss–Seidel Method $10x + y + z = 12, x + 10y + z = 12, x + y + 10z = 12.$	**7**	**4**	**L3**
	c	Using Modern mathematical tool write a program/code to examine the Consistency of the system of equations $x + 2y - z = 1,\ 2x + y + 4z = \ 2,\ 3x + 3y + 4z = 1.$	**7**	**5**	**L5**

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SJC INSTITUTE OF TECHNOLOGY

(An Autonomous Institute under VTU, Belagavi)

SEMESTER END EXAMINATIONS FEB 2025

Course:	**Applied Chemistry for EC stream**		
Course Code:	**BCHEE102**	**Stream: ECE**	
Max Marks:	**100**	**Duration:**	**03 Hours**

Note:

1. *Answer ONE question from each MODULE and Question 1 & 2 is compulsory.*
2. *Any missing Data can be suitably assumed.*
3. *Formula Handbook will be provided.*

			Marks	CO	RBTL
		Module - 1			
Q1	**a**	Define the following terms: (i) Conductors, (ii) Insulators, and (iii) Semiconductors	**6**	**1**	**L1**
	b	Describe the conduction mechanism of conduction in polyacetylene.	**8**	**1**	**L2**
	c	A polydisperse sample of polystyrene is prepared by mixing three monodisperse samples in the following proportions: 1 g of 10,000 molecular weight, 2 g of 50,000 molecular weight and 2 g of 1,00,000 molecular weight. Solve fore number of average and weight average molecular weights.	**6**	**1**	**L3**
		Module – 2			
Q2	**a**	How batteries are classified? Give examples	**6**	**2**	**L1**
	b	Illustrate the construction, working, and applications of Methanol - oxygen fuel cell.	**8**	**2**	**L2**
	c	Analyze the construction and working principles of a photovoltaic cell.	**6**	**2**	**L4**
		Module – 3			
Q3	**a**	Define the following terms: (i) Metallic corrosion, (ii) CPR, and (iii) e-waste	**6**	**3**	**L1**
	b	Illustrate the electrochemical theory of corrosion with iron as example.	**8**	**3**	**L2**
	c	A sheet of carbon steel one meter wide by three meters long has lost 40 g to corrosion over the past six months. Convert that mass loss to a penetration rate of the steel in mmpy units and mpy units. Solve for the corrosion rate (Carbon steel density: 7.8 g/cm^3).	**6**	**3**	**L3**
		OR			

Q4	**a**	Define the following terms: (i) Galvanization, (ii) Differential aeration corrosion, and (iii) Cathodic protection.	**6**	**3**	**L1**
	b	Describe the extraction of gold from e-waste.	**8**	**3**	**L2**
	c	A metal iron plate was found in a vessel containing acidic media, it was estimated that the original area was 20 $inch^2$ that approximately 1.5 kg had corroded. Assuming a corrosion penetration rate of 400 mpy for this iron in acidic, calculate for time in years. Density of iron 7.87 g/cm^3.	**6**	**3**	**L3**
Module – 4					
Q5	**a**	Define the following terms: (i) Nanomaterials, (ii) Liquid crystals, and (iii) Perovskites	**6**	**4**	**L1**
	b	Describe the following size dependent properties of nanomaterials: (i) Surface area, and (ii) Catalytic activity	**8**	**4**	**L2**
	c	List the Properties and applications of liquid crystals in display systems.	**6**	**4**	**L4**
OR					
Q6	**a**	How liquid crystals are classified? Give examples.	**6**	**4**	**L1**
	b	Illustrate the synthesis of nanomaterials by sol-gel method	**8**	**4**	**L2**
	c	Distinguish the properties of (i) OLEDs and (ii) QLEDs	**6**	**4**	**L4**
Module – 5					
Q7	**a**	Define the following: (i) Reference electrode, (ii) Concentration cell, and (iii) Sensor	**6**	**5**	**L1**
	b	Utilize an electrochemical sensor to determine dissolved oxygen.	**8**	**5**	**L3**
	c	Analyze the working principle and applications of conductometric sensors	**6**	**5**	**L4**
OR					
Q8	**a**	Define the following: (i) Ion-selective electrode, (ii) Thermometric sensor, and (iii) Electrochemical sensors	**6**	**5**	**L1**
	b	A concentration cell was constructed by immersing two silver electrodes in 0.5 M and 10 M $AgNO_3$ solutions. Represent the cell, write the cell reactions and Solve for the EMF of the cell.	**8**	**5**	**L3**
	c	Analyze the determination of pH of a solution using glass electrode.	**6**	**5**	**L4**

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SJC INSTITUTE OF TECHNOLOGY

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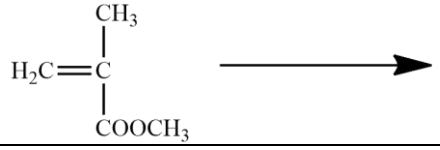
SEMESTER END EXAMINATIONS FEB 2025

Course:	**Applied Chemistry for CV Stream**		
Course Code:	**BCHEC102**	**Stream: CV**	
Max Marks:	**100**	**Duration:**	**03 Hours**

Note:

1. *Answer ONE question from each MODULE and Question 1 & 2 is compulsory.*
2. *Any missing Data can be suitably assumed.*
3. *Formula Handbook will be provided.*

		Module - 1	Marks	CO	RBTL
Q1	a	Write the five properties and applications of Brass alloy.	6	1	L1
	b	Explain the preparation of soda lime glass.	8	1	L2
	c	Describe the manufacturing of cement by wet process method.	6	1	L3
		Module – 2			
Q2	a	Mention the technological importance of metal finishing.	6	2	L1
	b	Define Corrosion. Explain the electrochemical theory of by taking Iron as an example.	8	2	L2
	c	A steel sheet of area 100 $inch^2$ is exposed to air near the ocean. After 1 year period it was found to experience a weight loss of 485g due to corrosion. If the density of steel is 7.9 g/cm3, Find the CPR in mpy and mmpy.	6	2	L4
		Module – 3			
Q3	a	Mention the properties and industrial applications of carbon-Fibre.	6	3	L1
	b	In a sample of a polymer, 25% molecules have molecular mass 2500 g/mol, 35% molecules have molecular mass 4500 g/mol, and remaining molecules have molecular mass 3000 g /mol, calculate the number average and weight average molecular mass of the polymer, Calculate PDI and comment on it.	8	3	L3
	c	Describe Synthesis and properties of Poly vinyl chloride.	6	3	L3
		OR			
Q4	a	Write the synthesis and applications of poly styrene.	6	3	L1
	b	Explain the synthesis, properties and applications of Kevlar Fibre.	8	3	L2
		Analyze the reaction, Predict the product and give its properties	6	3	L4

	c				
Module – 4					
Q5	**a**	Define photovoltaic cell. Mention the advantages and disadvantages of photovoltaic cell.	**6**	**4**	**L1**
	b	Describe the Lead – Silver system with the neat labeled diagram by using condensed Phase rule.	**8**	**4**	**L3**
	c	Analyze how optical sensors operate and analyses the sample. Discuss the estimation of $CuSO_4$ by using colorimetry.	**6**	**4**	**L4**
OR					
Q6	**a**	Define battery. Give the classification of batteries with example.	**6**	**4**	**L1**
	b	Describe the construction and Determination of p^H using pH sensors (glass electrode).	**8**	**4**	**L3**
	c	Outline key components of sodium ion batteries such as electrodes and electrolyte, and explain how they convert chemical energy into electrical energy.	**6**	**4**	**L3**
Module – 5					
Q7	**a**	Write any four properties and applications of graphene.	**6**	**5**	**L1**
	b	In a COD test, 28.1Cm^3 and 14.0Cm^3 of 0.05N FAS solution is required for blank and sample titration respectively. The volume of test sample used is 25Cm^3. Calculate the COD of the sample solution.	**8**	**5**	**L3**
	c	Analyze the Determination of total hardness of water by EDTA method.	**6**	**5**	**L4**
OR					
Q8	**a**	Write a note on Carbon Nano tubes (SWCNT & MWCNT).	**6**	**5**	**L1**
	b	Interpret the Sol-gel methods of preparation of nanomaterials.	**8**	**5**	**L3**
	c	Elucidate the desalination of water by electro dialysis.	**6**	**5**	**L4**

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SJC INSTITUTE OF TECHNOLOGY

(An Autonomous Institute under VTU, Belagavi)
SEMESTER END EXAMINATIONS FEB 2025

Course:	**Applied Chemistry for CSE-Stream**		
Course Code:	**BCHES102**	**Stream: CSE**	
Max Marks:	**100**	**Duration:**	**03 Hours**

Note:

1. Answer ONE question from each MODULE and Question 1 & 2 is compulsory.
2. Any missing Data can be suitably assumed.
3. Formula Handbook will be provided.

		Module - 1	Marks	CO	RBTL
Q1	a	Define the terms a) Sensor b) Actuator c) Transducer	6	1	L1
	b	Describe the Construction & working of sodium ion battery. Mention its applications.	8	1	L2
	c	Illustrate the working of electrochemical sensors for determination of dissolved oxygen in water.	6	1	L3
		Module – 2			
Q2	a	Mention properties and applications of OLED.	6	2	L1
	b	Define organic memory devices? Describe the semiconducting behavior of Pentacene in P-type and N-type memory materials.	8	2	L2
	c	Compare the properties and applications of PVK and P3HT.	6	2	L3
		Module – 3			
Q3	a	Give an account of the construction and working of a calomel electrode.	6	3	L1
	b	Define corrosion. Describe the electrochemical theory of corrosion with iron as a specific example.	8	3	L2
	c	A thick steel sheet of area 200 square inch is exposed to moist air. After 1 years of period, it was found to experience a weight loss 275 g due to corrosion. If the density of steel is 7.18 g/cm3. Calculate CPR in mpy and mmpy	6	3	L3
		OR			
Q4	a	Deduce the EMF equation for a copper concentration cell.	6	3	L1
	b	Define Cathodic protection. Illustrate the impressed current method is used to protect the metal structures from corrosion.	8	3	L2

	c	A metal iron bar exposed to environment of summer, the Surface area of 30 inch^2, assume that 20 mpy of CPR with a weight loss of 540 g of iron. The density of iron is 7.31g/cm^3, Calculate time in years.	**6**	**3**	**L3**
Module – 4					
Q5	**a**	Define green fuel. show the method of production of hydrogen by Proton exchange process.	**6**	**4**	**L1**
	b	Illustrate the construction and working principle of a photovoltaic cell. Mention the advantages of PV cell.	**8**	**4**	**L2**
	c	In a sample of a polymer, 35 % molecules have molecular mass 3500 g/mol, 20% molecules have molecular mass 2000 g/mol, remaining molecules have molecular mass 3000 g /mol. Calculate the number average and weight average molecular mass of the polymer.	**6**	**4**	**L3**
OR					
Q6	**a**	Mention any six advantages of green fuel.	**6**	**4**	**L1**
	b	Outline the synthesis, properties and applications of Kevlar Fiber.	**8**	**4**	**L2**
	c	In a sample of a polymer, 200 molecules have molecular mass 1500 g/mol, 100 molecules have molecular mass 2500 g/mol, 150 molecules have molecular mass 2000 g /mol. Calculate the number average and weight average molecular mass of the polymer.	**6**	**4**	**L3**
Module – 5					
Q7	**a**	Define E-waste. Mention the need of E-waste management.	**6**	**5**	**L1**
	b	Describe the general steps involved in a) hydrometallurgy b) Pyro metallurgy.	**8**	**5**	**L2**
	c	Distinguish the roles and responsibilities the following stakeholders in effective management of E-waste a) Recyclers b) Govt. statutory bodies.	**6**	**5**	**L4**
OR					
Q8	**a**	Mention the sources and composition of E-waste.	**6**	**5**	**L1**
	b	Describe the extraction of gold from E-waste by hydrometallurgical method.	**8**	**5**	**L2**
	c	Compare the roles and responsibilities of the following stakeholders in managing E- waste: a) Producers b) Consumers.	**6**	**5**	**L4**

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SJC INSTITUTE OF TECHNOLOGY

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FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**Computer-Aided Engineering Drawing**		
Course Code:	**BCED103**	**Stream: ME - Common to all Branches**	
Max Marks:	**100**	**Duration:**	**03 Hours**

Note: 1. Answer ONE full question from each Part A, Part B and Part C.

2. Any missing Data can be suitably assumed.

Q. No.		**PART – A: Sketching**	**Marks**	**CO**	**RBTL**
Q1	**a**	A Point "B" is 25mm above HP, 30mm in front of VP and 40mm from LPP. Draw its projections.	**10**	**1**	**L2**
	b	The end A of a line AB is in HP and 25 mm in front of VP. The end B is 10 mm in front of VP and 50 mm above HP. The distance between the end projectors when measured parallel to the line of intersection of HP and VP is 80 mm. Draw the projections of the line AB and determine its true length and true inclinations with HP and VP.	**15**	**1**	**L3**
	c	A square plate of 30 mm sides rests on HP such that one of the diagonals is inclined at 30 deg. to HP and 45 deg. to VP. Draw its projections.	**20**	**2**	**L3**
02	**a**	Draw the projection of following points: - • Point "P" is 10mm above HP and 15mm in front of VP. • Point "Q" is 15mm above HP and 25mm behind VP. • Point "R" is 25mm below HP and is in of VP. • Point "S" is 20mm below HP and 20mm in front of VP. • Point "T" is 40mm above HP and is in VP. • Point "U" is 30mm below HP and 30mm in front of VP.	**10**	**1**	**L2**
	b	A line AB 80mm long has its end a 20mm above HP and 30mm in front of VP it is inclined at 30° to HP and 45° to VP. Draw the projection of the line and find apparent length and apparent inclination.	**15**	**1**	**L3**

	c	An equilateral triangular lamina of 25mm sides is resting on one of its edges on HP, such that the edges on which its rests is inclined at 45° to HP and one of its medians is inclined at 40° to VP. Draw the projection of lamina.	**20**	**2**	**L3**
03	**a**	A cube of 50 mm long edges is so placed on HP on one corner that a body diagonal is Parallel to HP and perpendicular to VP. Draw its projections	**30**	**3**	**L3**
	OR				
	b	A pentagonal pyramid 25mm sides of base 60mm axis length rests on HP on one of its edges of the base which is inclined to VP at 30° Draw the projections of the pyramid when the axis is inclined to HP at 40°.	**30**	**3**	**L3**
Q4	**a**	A hemisphere of 40 mm diameter is supported co-axially on the vertex of a cone of base diameter 60 mm and axis length 50 mm. The flat circular face of the hemisphere is facing upside. Draw the isometric of the combination of the solids.	**25**	**4**	**L3**
	OR				
	b	A rectangular prism of base 30 mm x 20 mm and 60 mm rests on HP on its base with the longer base side inclined at 40° to VP. It is cut by a plane inclined at 45° to HP, perpendicular to VP cuts the axis as its mid height. Draw the development of the lower portion of the prism.	**25**	**4**	**L3**

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SJC INSTITUTE OF TECHNOLOGY

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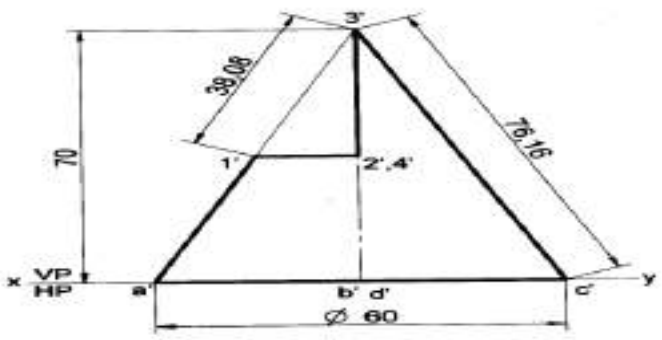
FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**Computer-Aided Engineering Drawing**		
Course Code:	**BCED103**	**Stream: ME - Common to all the Branches**	
Max Marks:	**100**	**Duration:**	**03 Hours**

Note: 1. Answer ONE full question from each Part A, Part B and Part C.

2. Any missing Data can be suitably assumed.

Q. No.		PART – A: Sketching	Marks	CO	RBTL
Q1	a	The point "K" is 50mm in front of VP and is situated in 4th quadrant. Its shortest distance from the intersection of HP & VP is 55mm. Draw the projections. Also find its distance from HP.	10	1	L2
	b	The front view of the line PQ 80mm long measures 50mm and is inclined to XY line at 50° one end of the line P is 20mm above HP and 25mm in front of VP. Draw the front view and top view and top view of line and find the inclination of line	15	1	L3
	c	A hexagonal lamina of sides 25 mm rests on one of its sides on HP. The lamina makes 45 deg. to HP and side on which it rests makes 30 deg. to VP. Draw its projections	20	2	L3
		OR			
Q2	a	A point "A" is on HP and 35mm in front of VP another point "B" is on VP and below HP the line joining their front view makes an angle of 30° to XY and below while the line joining the top view makes an angle of 45° with XY line. Find the distance of point b.	10	1	L2
	b	A line AB 80mm long has its end a 20mm above HP and 30mm in front of VP it is inclined at 30° to HP and 45° to VP. Draw the projection of the line and find apparent length and apparent inclination.	15	1	L3

	c	A pentagonal lamina of sides 25 mm is having a side both on HP and VP. The corner opposite to the side on which it rests is 15 mm above HP. Draw the top and front views of the lamina.	**20**	**2**	**L3**
PART – B: Computer Aided Drafting					
Q3	**a**	A square prism 35mm sides of base & 60mm axis length rests on HP on one of its corner of the base such that the two base edges containing the corner on which it rests make equal inclinations with HP. Draw the projections of the prism when the axis of the prism is inclined to HP at 40° and to VP at 30°.	**30**	**3**	**L3**
	OR				
	b	A Hexagonal pyramid 25mm sides of base and 50mm axis length rests on HP on one of its slant triangular faces. Draw the projections of the pyramid when the axis is inclined to VP at 45°.	**30**	**3**	**L3**
PART – C: Computer Aided Drafting					
Q4	**a**	A rectangular pyramid of base 40mm×25mm and height 50mm is placed centrally on a rectangular slab sides 100mm×60mm and thickness 20mm. Draw the isometric projection of the combination.	**25**	**4**	**L3**
	OR				
	b	A cone of base diameter 60 mm and 70 mm is resting on its base on HP. It is cut as shown in the following figure. Draw the development of the lateral surface of the remaining portion of the cone. 	**25**	**4**	**L3**

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SJC INSTITUTE OF TECHNOLOGY

(An Autonomous Institute under VTU, Belagavi)

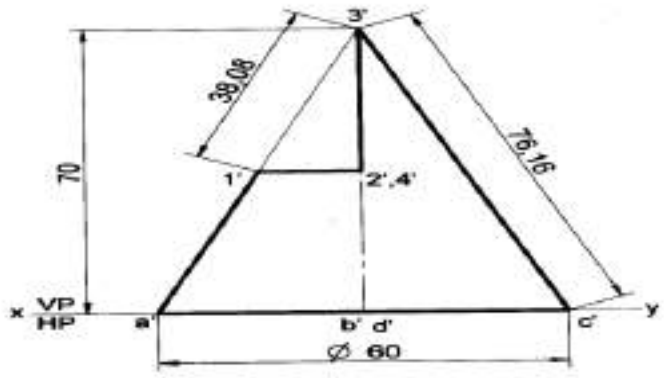
FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**Computer-Aided Engineering Drawing**		
Course Code:	**BCED103**	**Stream: ME - Common to all the Branches**	
Max Marks:	**100**	**Duration:**	**03 Hours**

Note: 1. Answer ONE full question from each Part A, Part B and Part C.

2. Any missing Data can be suitably assumed.

Q. No.		PART – A: Sketching	Marks	CO	RBTL
Q1	a	The point "G" is 25mm below HP and located in the 3rd quadrant. Its shortest distance from the intersection of X'Y' line is 45mm. Draw the projection and find its distance from VP.	10	1	L2
	b	A line AB 70mm has its end A 15mm in front of VP and 20mm above HP other end B is 60mm in front of VP and 50mm above HP. Draw the projection of the line and find inclination with both reference plane of projection.	15	1	L3
	c	A pentagonal lamina of edges 25 mm is resting on HP with one of its sides such that the surface makes an angle of 60 deg. with HP. The edge on which it rests is inclined at 45 deg. to VP. Draw its projections.	20	2	L3
		OR			
Q2	a	A point "A" is on HP and 35mm in front of VP another point "B" is on VP and below HP the line joining their front view makes an angle of 30° to XY and below while the line joining the top view makes an angle of 45° with XY line. Find the distance of point b.	10	1	L2
	b	The top view PQ of a straight line is 70mm and makes an angle of 60° with XY line the end Q is 10mm In front of VP 30mm above HP the difference between the distance of P and Q above HP is 45mm. Draw the projections and determine the true length and true inclination with HP and VP.	15	1	L3

	c	An equilateral triangular lamina of 25 mm sides lies with one of its edges on HP such that the surface of the lamina is inclined to HP at 60 deg. The edge on which it rests is inclined to VP at 60 deg. Draw its projections.	**20**	**2**	**L3**
PART – B: Computer Aided Drafting					
Q3	**a**	A square prism 35mm sides of base & 60mm axis length rests on HP on one of its corner of the base such that the two base edges containing the corner on which it rests make equal inclinations with HP. Draw the projections of the prism when the axis of the prism is inclined to HP at 40° and to VP at 30°.	**30**	**3**	**L3**
	OR				
	b	A hexagonal pyramid 25mm sides of base & 50mm axis length rests on HP on one of its edges of the base which is inclined at VP at 30°. Draw the projections of the pyramid when the axis is inclined to HP at 45°.	**30**	**3**	**L3**
PART – C: Computer Aided Drafting					
Q4	**a**	A sphere of diameter 50mm rests centrally on top of a cube of sides 50mm. Draw the isometric projections of the combination of the solids.	**25**	**4**	**L3**
	OR				
	b	A cone of base diameter 60 mm and 70 mm is resting on its base on HP. It is cut as shown in the following figure. Draw the development of the lateral surface of the remaining portion of the cone. 	**25**	**4**	**L3**

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SJC INSTITUTE OF TECHNOLOGY

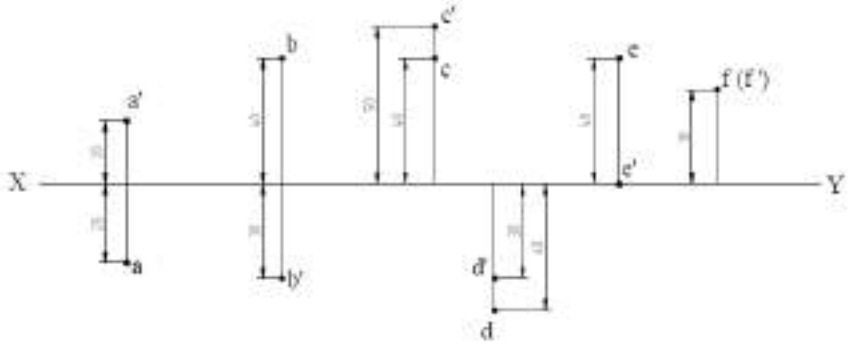
(An Autonomous Institute under VTU, Belagavi)

FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**Computer-Aided Engineering Drawing**		
Course Code:	**BCED103**	**Stream: Common to all Branches**	
Max Marks:	**100**	**Duration:**	**03 Hours**

Note: 1. Answer ONE full question from each Part A, Part B and Part C.

2. Any missing Data can be suitably assumed.

Q. No.		PART – A: Sketching	Marks	CO	RBTL
Q1	a	A point "C" is 30mm behind VP, 25mm above HP and 30mm from LPP. Draw the projection and name the quadrant.	10	1	L2
	b	The top view PQ of a straight line is 70mm and makes an angle of 60° with XY line the end Q is 10mm In front of VP 30mm above HP the difference between the distance of P and Q above HP is 45mm. Draw the projections and determine the true length and true inclination with HP and VP.	15	1	L3
	c	A rectangular lamina of sides 20 mm X 30 mm rests on HP on one of its longer edges. The lamina is tilted about the edge on which it rests till its plane surface is inclined to HP at 45 deg. The edge on which it rests is inclined at 30 deg. to VP. Draw its projections of the lamina.	20	2	L3
		OR			
Q2	a	The orthographic projection of certain points is shown in the figure. Determine their position with respect to their plane of projection and their quadrants. 	10	1	L2

	b	The front view of the line PQ 80mm long measures 50mm and is inclined to XY line at 50° one end of the line P is 20mm above HP and 25mm in front of VP. Draw the front view and top view and top view of line and find the inclination of line with HP and VP.	**15**	**1**	**L3**
	c	Draw the projections of a circular plate of negligible thickness of 50mm diameter resting on HP on a point A on the circumference, with its plane inclined at 45° to HP and the top view of the diameter passing through the resting point makes 60° with XY line.	**20**	**2**	**L3**
PART – B: Computer Aided Drafting					
03	**a**	A square prism 35mm side of base & 60mm axis length rests on HP on one of its edges of the base which is inclined to VP at 30°. Draw the projections of the prism when the axis is inclined to HP at 45°.	**30**	**3**	**L3**
	OR				
	b	A pentagonal pyramid 25mm sides of base 60mm axis length rests on HP on one of its edges of the base which is inclined to VP at 30° Draw the projections of the pyramid when the axis is inclined to HP at 40°.	**30**	**3**	**L3**
PART – C: Computer Aided Drafting					
Q4	**a**	A rectangular pyramid of base 40mm×25mm and height 50mm is placed centrally on a rectangular slab sides 100mm×60mm and thickness 20mm. Draw the isometric projection of the combination.	**25**	**4**	**L3**
	OR				
	b	A regular pentagonal prism of height 60 mm and base edges 30 mm rests with its base in HP. The vertical face closest is 30^0 to it. Draw the development of the truncated prism with its truncated surface inclined at 60^0 to its axis and bisecting it.	**25**	**4**	**L3**

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SJC INSTITUTE OF TECHNOLOGY

(An Autonomous Institute under VTU, Belagavi)

FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**Computer-Aided Engineering Drawing**		
Course Code:	**BCED103**	**Stream: ME-Common to all the Branches**	
Max Marks:	**100**	**Duration:**	**03 Hours**

Note: 1. Answer ONE full question from each Part A, Part B and Part C.

2. Any missing Data can be suitably assumed.

Q. No.		**PART – A: Sketching**	**Marks**	**CO**	**RBTL**
Q1	**a**	A point 30mm above XY line is the front view if three points L, M & N. The top view of "N" is 40mm behind VP, the top view of "M" is on XY line and top of point "L" is 45mm in front of VP. Draw the projections of the points and state the quadrants in which points are located.	**10**	**1**	**L2**
	b	A line AB 80mm long has its end A 20mm above HP and 30mm in front of VP it is inclined at 30° to HP and 45° to VP. Draw the projection of the line and find apparent length and apparent inclination.	**15**	**1**	**L3**
	c	A triangular lamina of 25 mm sides rests on one of its corners on VP such that the median passing through the corner on which it rests is inclined at 30 deg. to HP and 45 deg. to VP. Draw its projections.	**20**	**2**	**L3**
		OR			
Q2	**a**	Two points "C" & "D" are on HP. The point "C" is 30mm behind VP, while "D" is 50mm in front of VP. The line joining the top view makes an angle of 40° with XY line. Find the horizontal distance between their projectors parallel to XY line.	**10**	**1**	**L2**
	b	The front view of the line PQ 80mm long measures 50mm and is inclined to XY line at 50° one end of the line P is 20mm above HP and 25mm in front of VP. Draw the front view and top view and top view of line and find the inclination of line with HP and VP.	**15**	**1**	**L3**

	c	A circular lamina inclined to the VP appears in the front view as an ellipse of major axis 30mm & minor axis 15 mm. The major axis is parallel to both HP and VP. One end of the minor axis is in both the HP and VP. Draw the projections of the lamina and determine the inclination of the lamina with the VP.	**20**	**2**	**L3**
PART – B: Computer Aided Drafting					
03	**a**	A square prism 35mm sides of base & 60mm axis length rests on HP on one of its corner of the base such that the two base edges containing the corner on which it rests make equal inclinations with HP. Draw the projections of the prism when the axis of the prism is inclined to HP at 40° and to VP at 30°.	**30**	**3**	**L3**
	OR				
	b	A hexagonal pyramid 25mm sides of base & 50mm axis length rests on HP on one of its triangular faces. Draw the projections of the pyramid when the axis appears to be inclined to VP at 45°.	**30**	**3**	**L3**
PART – C: Computer Aided Drafting					
Q4	**a**	A sphere of diameter 40mm is placed centrally on the flat face of a hemisphere of diameter 60mm.Draw the isometric projection of the combination.	**25**	**4**	**L3**
	OR				
	b	A square prism base of side 30 mm and axis length 65 mm is resting on HP on its base with all the vertical faces being equally inclined to VP. It is cut by an inclined plane 60^0 to HP and perpendicular to VP and is passing through a point on the axis at a distance 50 mm from the base. Draw the development of the lower portion of the prism.	**25**	**4**	**L3**

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SJC INSTITUTE OF TECHNOLOGY

(An Autonomous Institute under VTU, Belagavi)

FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**Computer-Aided Engineering Drawing**		
Course Code:	**BCED103**	**Stream: ME-Common to all the Branches**	
Max Marks:	**100**	**Duration:**	**03 Hours**

Note: 1. Answer ONE full question from each Part A, Part B and Part C.

2. Any missing Data can be suitably assumed.

Q.No.		PART – A: Sketching	Marks	CO	RBTL
Q1	a	The point "M" is 25mm below HP and located in 3rd quadrant. Its shortest distance from the intersection of X'Y' line is 45mm. draw the projection and find its distance from VP.	10	1	L2
	b	The line PQ 85mm long has its end 10mm above HP and 15mm in front of VP. The top view and front view of a line PQ are 75mm and 80mm respectively. Draw its projection and determine the true and apparent inclinations.	15	1	L3
	c	A square plate of 30 mm sides rests on HP such that one of the diagonals is inclined at 30 deg. to HP and 45 deg. to VP. Draw its projections.	20	2	L3
		OR			
Q2	a	A point "M" is 30mm in front of VP, 20mm above HP. Another point "N" is 15mm behind VP and 25mm below HP. The horizontal distance between the points when measured parallel to the XY line is 50mm. draw the front view and top view and draw the right-side view for the point "n" only.	10	1	L2
	b	A line AB 80mm long has its end A 20mm above HP and 30mm in front of VP it is inclined at 30° to HP and 45° to VP. Draw the projection of the line and find apparent length and apparent inclination.	15	1	L3
	c	A hexagon lamina of 25mm sides rest on one of its corners on HP. The lamina makes 45° to HP and the diagonal passing through this corner inclined at 30° appears to VP. Draw the projections.	20	2	L3

PART – B: Computer Aided Drafting					
Q3	**a**	A square prism 35mm sides of base & 60mm axis length rests on HP on one of its corner of the base such that the two base edges containing the corner on which it rests make equal inclinations with HP. Draw the projections of the prism when the axis of the prism is inclined to HP at 40° and to VP at 30°.	**30**	**3**	**L3**
	OR				
	b	A pentagonal pyramid 25mm sides of base 60mm axis length rests on HP on one of its edges of the base which is inclined to VP at 30° Draw the projections of the pyramid when the axis is inclined to HP at 40°.	**30**	**3**	**L3**
PART – C: Computer Aided Drafting					
Q4	**a**	A hemisphere of 40 mm diameter is supported co-axially on the vertex of a cone of base diameter 60 mm and axis length 50 mm. The flat circular face of the hemisphere is facing upside. Draw the isometric of the combination of the solids.	**25**	**4**	**L3**
	OR				
	b	A rectangular prism of base 40 mm x 25 mm and 65 mm rests on HP on its base with the longer base side inclined at 30^0 to VP. It is cut by a plane inclined at 40^0 to HP, perpendicular to VP cuts the axis as its mid height. Draw the development of the lower portion of the prism.	**25**	**4**	**L3**

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SJC INSTITUTE OF TECHNOLOGY

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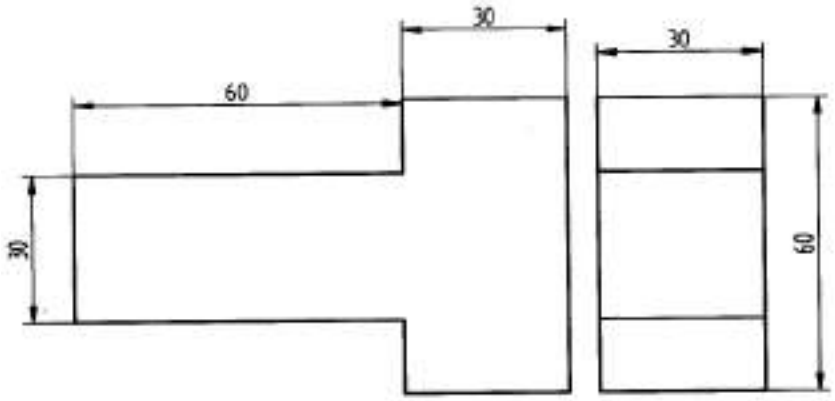
FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**Computer-Aided Engineering Drawing**		
Course Code:	**BCED103**	**Stream: Common to all Branches**	
Max Marks:	**100**	**Duration:**	**03 Hours**

Note: 1. Answer ONE full question from each Part A, Part B and Part C.

2. Any missing Data can be suitably assumed.

.		**PART – A: Sketching**	**Marks**	**CO**	**RBTL**
Q1	**a**	A point "F" is 35mm below HP, 40mm in front of VP and 25mm from LPP. State the quadrant in which it lies and draw its Projection.	**10**	**1**	**L2**
	b	The distance between the end projectors of the line AB is 60mm and end A is 10mm above HP and 15mm In front of VP the end B is 35mm in front of VP. The line appears to be 70mm long in front view. Draw the projections, find the true length of the line and true inclination with HP and VP.	**15**	**1**	**L3**
	c	Pentagonal lamina of edges 25 mm is resting on HP with one of its corners such that the plane surface makes an angle of 60 deg. with HP. The two of the edges containing the corner on which the lamina rests make equal inclinations with HP. When the edge opposite to the corner makes an angle of 45 deg. with VP and nearer to the observer. Draw the top and front views of the plane lamina in this position.	**20**	**2**	**L3**
		OR			
Q2	**a**	The point "K" is 50mm in front of VP and is situated in 4th quadrant. Its shortest distance from the intersection of HP & VP is 55mm. Draw the projections. Also find its distance from HP.	**10**	**1**	**L2**
	b	A line AB 70mm has its end A 15mm in front of VP and 20mm above HP other end B is 60mm in front of VP and 50mm above HP. Draw the projection of the line and find inclination with both reference plane of projection.	**15**	**1**	**L3**

	c	A Triangular plane figure of sides 25 mm is resting on HP with one of its corners, such that the surface of the lamina makes an angle of 60 deg. with HP. If the side opposite to the corner on which the lamina rests makes an angle of 30 deg. with VP. Draw the top and front views in this position.	**20**	**2**	**L3**
PART – B: Computer Aided Drafting					
03	**a**	A hexagonal prism 25mm sides of base and 50mm axis length rests on HP on one of its edges of the base such that the two base edges containing the corner on which its rests make equal inclinations with HP. Draw the projections of the prism when the axis if the prism is inclined to HP at 40° & appears to be inclined to VP at 45°.	**30**	**3**	**L3**
	OR				
	b	A pentagonal pyramid 25mm sides of base 60mm axis length rests on HP on one of its edges of the base. Draw the projections of the pyramid when the axis is inclined to HP at 40° & VP at 30°.	**30**	**3**	**L3**
PART – C: Computer Aided Drafting					
Q4	**a**	Following figure shows the front and side views of solid. Draw the isometric of the combination of the solids. 	**25**	**4**	**L3**
	OR				
	b	A rectangular prism of base 30 mm x 20 mm and 60 mm rests on HP on its base with the longer base side inclined at 40^0 to VP. It is cut by a plane inclined at 45^0 to HP, perpendicular to VP cuts the axis as its mid height. Draw the development of the lower portion of the prism.	**25**	**4**	**L3**

1	S	J	2	4					

SJC INSTITUTE OF TECHNOLOGY

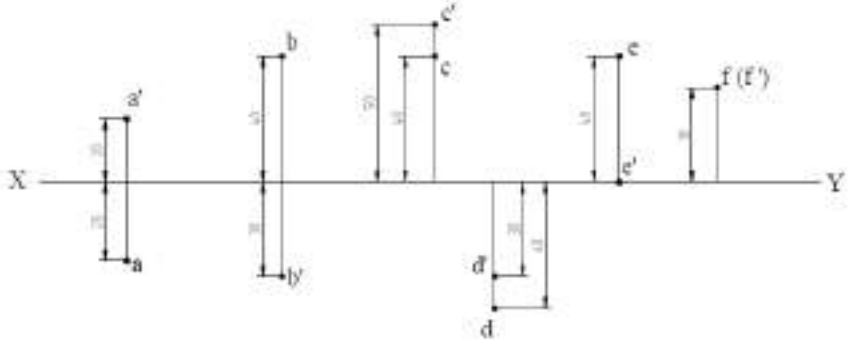
(An Autonomous Institute under VTU, Belagavi)

FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**Computer-Aided Engineering Drawing**		
Course Code:	**BCED103**	**Stream: ME- Common to all the Branches**	
Max Marks:	**100**	**Duration:**	**03 Hours**

Note: 1. Answer ONE full question from each Part A, Part B and Part C.

2. Any missing Data can be suitably assumed.

Q. No.		PART – A: Sketching	Marks	CO	RBT L
Q1	a	A The orthographic projection of certain points is shown in the figure. Determine their position with respect to their plane of projection and their quadrants. 	10	1	L2
	b	The front view of the line PQ 80mm long measures 50mm and is inclined to XY line at 50° one end of the line P is 20mm above HP and 25mm in front of VP. Draw the front view and top view and top view of line and find the inclination of line with HP and VP.	15	1	L3
	c	A square lamina of 40 mm side rests on one of its sides on HP. The lamina makes 30 deg. To HP and the side on which it rests makes 45 deg. to VP. Draw its projections.	20	2	L3
		OR			
Q2	a	The point "G" is 25mm below HP and located in the 3rd quadrant. Its shortest distance from the intersection of X'Y' line is 45mm. Draw the projection and find its distance from VP	10	1	L2

	b	The top view PQ of a straight line is 70mm and makes an angle of 60° with XY line the end Q is 10mm In front of VP 30mm above HP the difference between the distance of P and Q above HP is 45mm. Draw the projections and determine the true length and true inclination with HP and VP.	**15**	**1**	**L3**
	c	A regular hexagonal lamina of sides 25 mm is lying in such a way that one of its sides on HP while the side opposite to the side on which it rests on VP. If the lamina makes 60 deg. to HP. Draw the projections of the lamina.	**20**	**2**	**L3**
PART – B: Computer Aided Drafting					
03	**a**	A cube of 30 mm long edges is so placed on HP on one corner that a body diagonal is Parallel to HP and perpendicular to VP. Draw its projections	**30**	**3**	**L3**
	OR				
	b	A square pyramid 35mm sides of base & 60mm axis length rests on HP on one of its corners of the base such that the two base edges containing the corner on which it rests make equal inclinations with HP. Draw the projections of the pyramid when the axis of the pyramid is inclined to HP at 40° & appears to be inclined to VP at 45°.	**30**	**3**	**L3**
PART – C: Computer Aided Drafting					
Q4	**a**	A square prism base side 40mm, height 50mm is placed centrally on a rectangular slab sides 100mm x 60mm and thickness 20mm. Draw the isometric projection of the combination.	**25**	**4**	**L3**
	OR				
	b	A rectangular prism of base 40 mm x 25 mm and 65 mm rests on HP on its base with the longer base side inclined at 30^0 to VP. It is cut by a plane inclined at 40^0 to HP, perpendicular to VP cuts the axis as its mid height. . Draw the development of the lower portion of the prism.	**25**	**4**	**L3**

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SJC INSTITUTE OF TECHNOLOGY

(An Autonomous Institute under VTU, Belagavi)

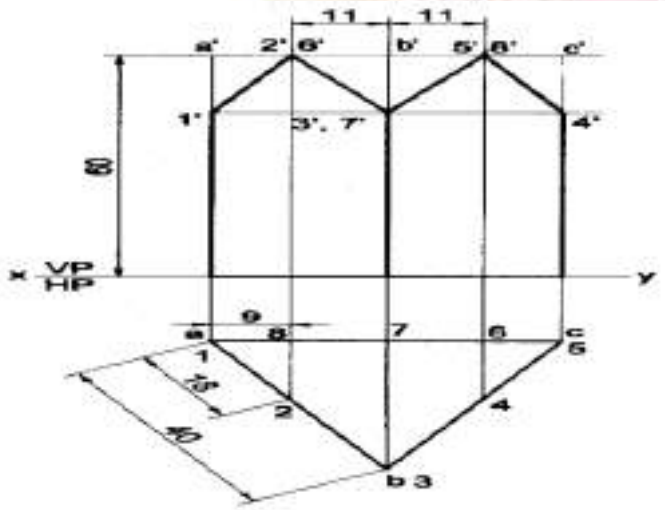
FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**Computer-Aided Engineering Drawing**		
Course Code:	**BCED103**	**Stream: ME-Common to all the Branches**	
Max Marks:	**100**	**Duration:**	**03 Hours**

Note: 1. Answer ONE full question from each Part A, Part B and Part C.

2. Any missing Data can be suitably assumed.

.		**PART – A: Sketching**	**Marks**	**CO**	**RBTL**
Q1	**a**	Draw the projection of following points: - • Point "P" is 10mm above HP and 15mm in front of VP. • Point "Q" is 15mm above HP and 25mm behind VP. • Point "R" is 25mm below HP and is in of VP. • Point "S" is 20mm below HP and 20mm in front of VP. • Point "T" is 40mm above HP and is in VP. • Point "U" is 30mm below HP and 30mm in front of VP.	**10**	**1**	**L2**
	b	The top view of a line 75mm long measures 50mm the end P is 30mm in front of VP and 15mm above HP. The end Q is 15mm in front of VP and above HP. Draw the projection and find its true inclinations with HP and VP.	**15**	**1**	**L3**
	c	A pentagonal lamina of edges 25 mm is resting on HP with one of its sides such that the surface makes an angle of 60 deg. with HP. The edge on which it rests is inclined at 45 deg. to VP. Draw its projections.	**20**	**2**	**L3**
		OR			
Q2	**a**	A point 30mm above XY line is the front view if three points L, M & N. The top view of "N" is 40mm behind VP, the top view of "M" is on XY line and top of point "L" is 45mm in front of VP. Draw the projections of the points and state the quadrants in which points are located.	**10**	**1**	**L2**
	b	The line PQ 85mm long has its end 10mm above HP and 15mm in front of VP. The top view and front view of a line PQ are 75mm and 80mm respectively. Draw its projection and determine the true and apparent inclinations.	**15**	**1**	**L3**

	c	A square lamina of 40 mm side rests on one of its sides on HP. The lamina makes 30 deg. To HP and the side on which it rests makes 45 deg. to VP. Draw its projections.	**20**	**2**	**L3**
PART – B: Computer Aided Drafting					
03	**a**	A hexagonal prism 25mm sides of base and 50mm axis length rests on HP on one of its edges of the base. Draw the projections of the prism when the axis is inclined to HP at 45° & VP at 30°.	**30**	**3**	**L3**
	OR				
	b	A square pyramid 35mm sides of base & 60mm axis length rests on HP on one of its slant edges. Draw the projections of the pyramid when the axis appears to be inclined to VP at 45°.	**30**	**3**	**L3**
PART – C: Computer Aided Drafting					
Q4	**a**	A frustum of cone base diameter 50mm, top diameter 25mm and height 50mm is placed centrally on a cylindrical slab of diameter 100mm and thickness 30mm. Draw the isometric projection of the combination.	**25**	**4**	**L3**
	OR				
	b	A triangular prism with one of its rectangular faces parallel to VP and nearer to it is cut as shown in figure. Draw the development of the retained portions of the prism which are shown dark lines. 	**25**	**4**	**L3**

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SJC INSTITUTE OF TECHNOLOGY

(An Autonomous Institute under VTU, Belagavi)

FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**Computer-Aided Engineering Drawing**		
Course Code:	**BCED103**	**Stream: Common to all the Branches**	
Max Marks:	**100**	**Duration:**	**03 Hours**

Note: 1. Answer ONE full question from each Part A, Part B and Part C.

2. Any missing Data can be suitably assumed.

Q. No.		PART – A: Sketching	Marks	CO	RBTL
Q1	a	A point "A" is on HP and 35mm in front of VP another point "B" is on VP and below HP the line joining their front view makes an angle of 30° to XY and below while the line joining the top view makes an angle of 45° with XY line. Find the distance of point B.	10	1	L2
	b	A line AB 70mm has its end A 15mm in front of VP and 20mm above HP other end B is 60mm in front of VP and 50mm above HP. Draw the projection of the line and find inclination with both reference plane of projection.	15	1	L3
	c	A hexagonal lamina of sides 25 mm rests on one of its corners on HP. The lamina makes 45 deg. to HP and the diagonal passing through the corner on which it rests is inclined at 30 deg. To VP. Draw its projections.	20	2	L3
		OR			
Q2	a	A Point "B" is 25mm above HP, 30mm in front of VP and 40mm from LPP. Draw its projections.	10	1	L2
	b	The line PQ 85mm long has its end 10mm above HP and 15mm in front of VP. The top view and front view of a line PQ are 75mm and 80mm respectively. Draw its projection and determine the true and apparent inclinations.	15	1	L3
	c	A rectangular lamina of 35 mm X 20 mm rests on HP one of its shorter edges. The lamina is rotated about the edge on which it rests till it appears as a square in the top view. The edge on which the lamina rests is inclined at 30 deg. to VP. Draw its projections and find its inclination to HP.	20	2	L3

PART – B: Computer Aided Drafting				
Q3	A square prism 35mm side of base & 60mm axis length rests on HP on one of its edges of the base which is inclined to VP at 30°. Draw the projections of the prism when the axis is inclined to HP at 45°.	**30**	**3**	**L3**
OR				
Q4	A pentagonal pyramid 25mm sides of base & 50mm axis length rests on HP on one of its slant edges. Draw the projections of the pyramid when the axis appears to be inclined to VP at 45°.	**30**	**3**	**L3**
PART – C: Computer Aided Drafting				
Q5	A hemisphere of 40 mm diameter is supported co-axially on the vertex of a cone of base diameter 60 mm and axis length 50 mm. The flat circular face of the hemisphere is facing upside. Draw the isometric of the combination of the solids.	**25**	**4**	**L3**
OR				
Q6	A rectangular prism of base 30 mm x 20 mm and 60 mm rests on HP on its base with the longer base side inclined at 40^0 to VP. It is cut by a plane inclined at 45^0 to HP, perpendicular to VP cuts the axis as its mid height. . Draw the development of the lower portion of the prism.	**25**	**4**	**L3**

1	S	J	2	4					

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FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**Computer-Aided Engineering Drawing**		
Course Code:	**BCED103**	**Stream: Common to all the Branches**	
Max Marks:	**100**	**Duration:**	**03 Hours**

Note: 1. Answer ONE full question from each Part A, Part B and Part C.

2. Any missing Data can be suitably assumed.

Q. No.		PART – A: Sketching	Marks	CO	RBTL
Q1	a	A point "A" is on HP and 35mm in front of VP another point "B" is on VP and below HP the line joining their front view makes an angle of 30° to XY and below while the line joining the top view makes an angle of 45° with XY line. Find the distance of point B.	10	1	L2
	b	A line AB 70mm has its end A 15mm in front of VP and 20mm above HP other end B is 60mm in front of VP and 50mm above HP. Draw the projection of the line and find inclination with both reference plane of projection.	15	1	L3
	c	A hexagonal lamina of sides 25 mm rests on one of its corners on HP. The lamina makes 45 deg. to HP and the diagonal passing through the corner on which it rests is inclined at 30 deg. To VP. Draw its projections.	20	2	L3
		OR			
Q2	a	A Point "B" is 25mm above HP, 30mm in front of VP and 40mm from LPP. Draw its projections.	10	1	L2
	b	The line PQ 85mm long has its end 10mm above HP and 15mm in front of VP. The top view and front view of a line PQ are 75mm and 80mm respectively. Draw its projection and determine the true and apparent inclinations.	15	1	L3
	c	A rectangular lamina of 35 mm X 20 mm rests on HP one of its shorter edges. The lamina is rotated about the edge on which it rests till it appears as a square in the top view. The edge on which the lamina rests is inclined at 30 deg. to VP. Draw its projections and find its inclination to HP.	20	2	L3

PART – B: Computer Aided Drafting				
Q3	A square prism 35mm side of base & 60mm axis length rests on HP on one of its edges of the base which is inclined to VP at 30°. Draw the projections of the prism when the axis is inclined to HP at 45°.	**30**	**3**	**L3**
OR				
Q4	A pentagonal pyramid 25mm sides of base & 50mm axis length rests on HP on one of its slant edges. Draw the projections of the pyramid when the axis appears to be inclined to VP at 45°.	**30**	**3**	**L3**
PART – C: Computer Aided Drafting				
Q5	A hemisphere of 40 mm diameter is supported co-axially on the vertex of a cone of base diameter 60 mm and axis length 50 mm. The flat circular face of the hemisphere is facing upside. Draw the isometric of the combination of the solids.	**25**	**4**	**L3**
OR				
Q6	A rectangular prism of base 30 mm x 20 mm and 60 mm rests on HP on its base with the longer base side inclined at 40^0 to VP. It is cut by a plane inclined at 45^0 to HP, perpendicular to VP cuts the axis as its mid height. . Draw the development of the lower portion of the prism.	**25**	**4**	**L3**

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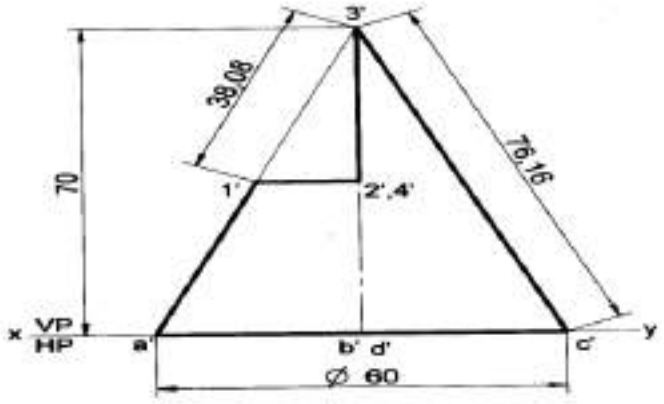
FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**Computer-Aided Engineering Drawing**		
Course Code:	**BCED103**	**Stream: Common to all the Branches**	
Max Marks:	**100**	**Duration:**	**03 Hours**

Note: 1. Answer ONE full question from each Part A, Part B and Part C.

2. Any missing Data can be suitably assumed.

Q. No.		PART – A: Sketching	Marks	CO	RBTL
Q1	a	Two points "C" & "D" are on HP. The point "C" is 30mm behind VP, while "D" is 50mm in front of VP. The line joining the top view makes an angle of 40° with XY line. Find the horizontal distance between their projectors parallel to XY line.	10	1	L2
	b	The end A of a line AB is in HP and 25 mm in front of VP. The end B is 10 mm in front of VP and 50 mm above HP. The distance between the end projectors when measured parallel to the line of intersection of HP and VP is 80 mm. Draw the projections of the line AB and determine its true length and true inclinations with HP and VP.	15	1	L3
	c	A pentagonal lamina of sides 25 mm is having a side both on HP and VP. The corner opposite to the side on which it rests is 15 mm above HP. Draw the top and front views of the lamina.	20	2	L3
		OR			
Q2	a	A point "C" is 30mm behind VP, 25mm above HP and 30mm from LPP. Draw the projection and name the quadrant.	10	1	L2
	b	The distance between the end projectors of the line AB is 60mm and end A is 10mm above HP and 15mm In front of VP the end B is 35mm in front of VP. The line appears to be 70mm long in front view. Draw the projections, find the true length of the line and true inclination with HP and VP.	15	1	L3
	c	A square plate of 30 mm sides rests on HP such that one of the diagonals is inclined at 30 deg. to HP and 45 deg. to VP. Draw its projections.	20	2	L3

PART – B: Computer Aided Drafting				
Q3	A pentagonal prism 25mm sides of base & 60mm axis length rests on HP on one of its corners of the base such that the two base edges containing the corner on which it rests make equal inclinations with HP. Draw the projections of the prism when the axis of the prism is inclined to HP at 40° & appears to be inclined to VP at 45°.	**30**	**3**	**L3**
OR				
Q4	A Hexagonal pyramid 25mm sides of base and 50mm axis length rests on HP on one of its slant triangular faces. Draw the projections of the pyramid when the axis is inclined to VP at 45°.	**30**	**3**	**L3**
PART – C: Computer Aided Drafting				
Q5	A sphere of diameter 40mm is placed centrally on the flat face of a hemisphere of diameter 60mm.Draw the isometric projection of the combination.	**25**	**4**	**L3**
OR				
Q6	A cone of base diameter 60 mm and 70 mm is resting on its base on HP. It is cut as shown in the following figure. Draw the development of the lateral surface of the remaining portion of the cone. 	**25**	**4**	**L3**

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SJC INSTITUTE OF TECHNOLOGY

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FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**Fundamentals of Electrical Engineering**		
Course Code:	**BESC104B**	**Branches: ISE, AIML & ECE**	
Max Marks:	**100**	**Duration:**	**03 Hours**

Note:

1. Answer ONE question from each MODULE and Question 1 & 2 is compulsory.
2. Any missing Data can be suitably assumed.

Q. No.		Module - 1	Marks	CO	RBTL
Q1	a	State and explain the Kirchhoff's Current Law & Kirchhoff's Voltage Law with an Example.	6	1	L2
	b	With neat Sketch of the DC machine, explain the following. I) Yoke ii) Field winding iii) Commutator iv) Brush.	8	2	L2
	c	A resistance R is connected in series with a parallel circuit consisting of 12Ω and 8Ω respectively. The total power dissipation in the circuit is 70 W, when the applied voltage is 20V, solve for 'R'	6	3	L3
		Module – 2			
Q2	a	Explain the terms with respect to A.C i) instantaneous value ii) Average value iii) R.M.S Value iv) Amplitude v) Frequency & vi) Form factor.	6	1	L2
	b	Derive an expression for the power consumed in series R-C A.C. circuit & draw voltage, current & power waveforms.	8	2	L2
	c	A resistance of 7Ω is connected in series with a pure inductance of 31.8 mH and the circuit is connected to a 100 V, 50 Hz, sinusoidal supply. Determine the values of (i) Circuit Current (ii) Phase Angle (iii) Power factor (iv) power.	6	3	L3
		Module – 3			
Q3	a	List the advantages of three phase system over a single-phase system.	6	4	L1
	b	Derive the relation between line and phase voltages and current in three phase balanced star connected load.	8	4	L3
	c	Three similar coils each having a Resistance of 10Ω & Reactance of 8Ω are connected in Star across 400V, 3-phase supply. Analyze, (i) Line Current (ii) Total Power	6	4	L4

OR					
Q4	**a**	List the differences between star and delta connected load in a 3 phase system.	**6**	**4**	**L1**
	b	Derive an expression for power consumed in 3 phase circuit using two wattmeter method	**8**	**4**	**L3**
	c	A balanced delta connected load of (6+j8)Ω. per phase is connected to a 3 - phase 440V supply. Analyze the power and power factor of circuit.	**6**	**4**	**L4**
Module – 4					
Q5	**a**	Define Transformer. Describe the working principle of a Transformer.	**6**	**1**	**L1**
	b	Derive and explain the function of rotating magnetic field concept with necessary waveform and equations.	**8**	**1**	**L3**
	c	A 40KVA, single phase transformer has core loss of 450 Watts and full load copper loss 850 Watts. If the power factor of the load is 0.8. Determine, (i) Full load efficiency (ii) Load for maximum efficiency (iii) Maximum efficiency at UPF	**6**	**3**	**L3**
OR					
Q6	**a**	Define Slip, Obtain an expression for frequency of Rotor current.	**6**	**1**	**L2**
	b	Derive the expression for EMF induced in a single-phase transformer.	**8**	**1**	**L3**
	c	A three phase, 4 pole, 400V and 50 Hz Induction motor which runs with a speed of 1440 rpm. Calculate its Slip.	**6**	**3**	**L3**
Module – 5					
Q7	**a**	List the factor considered during electrical wiring	**4**	**2**	**L1**
	b	Write short notes on safety devices	**8**	**2**	**L2**
	c	Arrange 2-way control of lamp circuit and explain with neat switching table.	**8**	**2**	**L4**
OR					
Q8	**a**	List the advantages of electric vehicles.	**4**	**2**	**L1**
	b	What is earthing in electrical circuit? Explain pipe earthing with neat diagram.	**8**	**2**	**L2**
	c	Arrange 3-way control of lamp circuit and explain with neat switching table.	**8**	**2**	**L4**

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FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**Fundamentals of Mechanical Engineering**		
Course Code:	**BESC104D**	**Branch: CV**	
Max Marks:	**100**	**Duration:**	**03 Hours**

Note:

1. Answer ONE question from each MODULE and Question 1 & 2 is compulsory.
2. Any missing Data can be suitably assumed.

Q. No.		Module - 1	Marks	CO	RBTL
Q1	a	Define bio-fuels. Explain the importance of bio fuels at present scenario, with suitable example.	5	1	L1
	b	List and explain the major emerging trends and technologies in Energy Sector.	5	1	L2
	c	Construct a basic photovoltaic system to harness solar energy and convert it into electrical energy. Describe the key components of the system, explain their functions, and evaluate how effectively they work together to generate electricity.	10	1	L3
		Module – 2			
Q2	a	Explain the working principle of a milling machine and include a suitable sketch.	5	2	L1
	b	With the aid of a clear block diagram, explain the working principle of 3D printing technology.	5	2	L2
	c	Identify the Drilling machine tool operations required for the following works and explain the working procedure for each with the help of schematic line diagram – (a) Machine tool operation required to produce cylindrical hole, (b) Machine tool operation required to give finish to previously drilled cylindrical hole, (c) Machine tool operation required to enlarge previously drilled cylindrical hole.	10	2	L3
		Module – 3			
Q3	a	Define IC engine and give the classification for IC engines.	4	3	L1
	b	Differentiate among 4-S Petrol and Diesel engines.	6	3	L2
	c	With the help of P-V graph and schematic line diagrams, analyze and explain the working of 4-S CI/ Constant pressure combustion cycle engine.	10	3	L3
		OR			
Q4	a	List the advantages, and its disadvantages of an Electric Vehicle.	4	3	L1

	b	What is hybrid vehicle? List the advantages, disadvantages along with the challenges that the hybrid vehicle manufacturers are facing.	**6**	**3**	**L2**
	c	Using a schematic line diagram, analyze and explain the configuration of a parallel hybrid vehicle, highlighting its operational principles and advantages.	**10**	**3**	**L3**
		Module – 4			
Q5	**a**	Discuss the classification of engineering materials.	**4**	**4**	**L1**
	b	Define non-ferrous metals and explain the following non ferrous metals addressing their composition, properties and applications – a) Aluminum, & b) Bronze.	**7**	**4**	**L2**
	c	Analyze the following engineering materials, detailing their properties and applications: a) Shape Memory Alloy, b) Ceramics, and c) Glass. Provide examples to illustrate each material's significance.	**9**	**4**	**L3**
		OR			
Q6	**a**	Define welding. Briefly discuss the different types of Electrodes.	**4**	**4**	**L1**
	b	Explain the soldering process and its importancein electronics assembly. Draw a schematic diagram to illustrate the basic steps involved in soldering.	**7**	**4**	**L2**
	c	Examine the oxy-acetylene gas welding process, with the support of neat schematic diagram. Also, discuss the different types of flames produced by varying the proportions of oxygen and acetylene, including their specific applications and implications in welding.	**9**	**4**	**L3**
		Module – 5			
Q7	**a**	With the help of suitable schematic block diagram, explain the closed loop mechatronic system.	**5**	**5**	**L1**
	b	Define automation. Explain three basic types of automated product systems.	**6**	**5**	**L2**
	c	Discuss the classification of robots based on their configurations. Illustrate the operational principles, advantages, and potential applications of each configuration, with the support of diagrams.	**9**	**5**	**L3**
		OR			
Q8	**a**	Define the Internet of Things (IoT) and list the key types of protocols associated with it.	**5**	**5**	**L1**
	b	Discuss the important characteristics of an IOT.	**6**	**5**	**L2**
	c	Discuss any three main types of IoT communication models. Evaluate the strengths and weaknesses of different IoT communication models.	**9**	**5**	**L3**

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FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**Introduction to Python Programming**		
Course Code:	**BPLC105**	**Branches: ECE, ISE, AIML, CV**	
Max Marks:	**100**	**Duration:**	**03 Hours**

Note:

1. Answer ONE question from each MODULE and Question 1 & 2 is compulsory.
2. Any missing Data can be suitably assumed.

Q. No.		Module - 1	Marks	CO	RBTL
Q1	a	List and show the use of comparison operators in Python. Write the step-by-step execution of the following expression in Python. 3/2*4 + 3 + (10/4)**3 – 2	6	1	L1
	b	With Python programming examples to each, explain the syntax and control flow diagrams of Loop controlling statements.	8	1	L2
	c	Develop a python program that prints odd and even numbers between 1 to 20 using finite loop.	6	1	L3
		Module – 2			
Q2	a	What is list? Tell output of following code snippets. Spam=[“cat”,”bat”,”rat”,”elephant”]. i. ’ The’ + Spam[1] + ‘ate the’ + Spam[0] +’ .’ ii. Spam[100] iii. Spam[int(1.0)] iv. Spam[0:-2] v. Spam[2]=”monkey”	6	2	L1
	b	Illustrate the following scenarios with proper example to each. a. Local Variables Cannot Be Used in the Global Scope b. Local and Global Variables with the Same Name	8	2	L2
	c	Write a python program to store data about your friends’ birthdays. You can use a dictionary with the names as keys and birthdays as values.	6	2	L3
		Module – 3			
Q3	a	What are string literals? Define following terms with example. i. Raw string, ii. Escape characters, iii. Multiline string, iv. Comment lines	4	3	L1
	b	Explain the concept of file handling. Also explain reading and writing process with suitable example	8	3	L2
	c	Develop python program to create user defined function to find maximum and minimum letter in string. Also find the length of the string without using inbuilt function.	8	3	L3
		OR			

Q4	**a**	What is files and file path? Assume the current working directory is set to C:\bacon, show the relative and absolute paths for other folders and files in current working directory.	**4**	**3**	**L1**
	b	Explain the following methods with examples. i) Removing whitespace characters from the beginning, end or both sides of a string. ii) To right-justify, left-justify, and center a string.	**8**	**3**	**L2**
	c	Develop a Python program for following. i) Find the total size of all the files in the given directory. ii) Determine whether the given string is a palindrome or not	**8**	**3**	**L3**
Module – 4					
Q5	**a**	Define the following with syntax and suitable code snippet: i) Class definition ii) instantiation iii) passing an instance (or objects) as an argument iv) instances as return values.	**8**	**4**	**L1**
	b	Define a function which takes TWO objects representing complex numbers and returns new complex number with a addition of two complex numbers. Define a suitable class 'Complex' to represent the complex number. Write a program to read N (N >=2) complex numbers and to compute the addition of N complex numbers.	**8**	**4**	**L2**
	c	Demonstrate polymorphism with function to find histogram to count the number of times each letter appears in a word and in sentences.	**4**	**4**	**L4**
OR					
Q6	**a**	Define following terms such as: class, object, polymorphism, Inheritance	**4**	**4**	**L1**
	b	Define classes and objects in Python. Construct the class called rectangle and initialize its height = 100, width =200, starting point as (x=0, y=0) and write the method to display the centre point coordinates of a rectangle.	**8**	**4**	**L2**
	c	Write a program that uses class Student which prompts the user to enter marks in three subjects and calculates total marks, percentage and displays the score card details. [Hint: Use list to store the marks in three subjects and total marks. Use in it () method to initialize name, USN and the lists to store marks and total, Use get Marks() method to read marks into the list, and display() method to display the score card details.	**8**	**4**	**L4**
Module – 5					
Q7	**a**	List and Define basic operations of numpy with examples	**6**	**5**	**L1**
	b	Illustrate the concepts of Indexing, Slicing and Iterating of Nd array with example.	**8**	**5**	**L2**
	c	Develop a python program using NumPy module reading and writing array data on files.	**6**	**5**	**L3**
OR					
Q8	**a**	Show how to use plt.plot( ), plt.show( ), plt.title( ), plt.axis( ).	**6**	**5**	**L1**
	b	Explain the functionalities of index in pandas with example	**8**	**5**	**L2**
	c	Construct and explain different layers of matplotlib architecture.	**6**	**5**	**L3**

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FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**COMMUNICATIVE ENGLISH**		
Course Code:	**BENG106**	**Stream: All the Branches**	
Max Marks:	**50**	**Duration:**	**1 Hour**

INSTRUCTIONS TO THE CANDIDATES

1. Use only **Black ball point pen** for writing/ darkening the circle
2. Answer all the **fifty** questions, each question carries one mark.
3. For each question, after selecting your answer, darken the appropriate circle corresponding to the same question number on the **OMR** sheet.
4. Darkening two circles for the same question makes the answer invalid.

Q.NO.	Questions	Marks	CO	RBTL
1.	What is the primary purpose of an oral presentation? a) To entertain the audience b) To impress with visuals c) To convey information clearly and effectively d) To use complex vocabulary	1	3	L1
2.	What is the recommended way to maintain audience interest during a presentation? a) Use a monotone voice b) Include interactive elements and visuals c) Read directly from the slides d) Speak very quickly to save time	1	3	L1
3.	Which of the following is NOT a good practice for a presentation? a) Making eye contact with the audience b) Speaking loudly and clearly c) Using excessive filler words (e.g., "um," "like") d) Practicing your presentation beforehand	1	3	L1
4.	How should you handle a question from the audience that you don't know the answer to? a) Ignore the question b) Admit you don't know and offer to follow up later c) Provide an unrelated answer d) Pretend to know and guess	1	3	L1
5.	What should be avoided in a PowerPoint presentation? a) Simple visuals b) Long paragraphs of text c) Bullet points d) Graphs and charts	1	3	L1
6.	Which area of communication is most affected by Mother Tongue Influence? a) Vocabulary building b) Pronunciation and accent c) Sentence construction d) Writing skills	1	3	L1

7.	Which of the following strategies can help reduce Mother Tongue Influence? a) Avoiding speaking the target language b) Listening and practicing correct pronunciation c) Memorizing native-language vocabulary d) Writing only in the mother tongue	1	3	L1
8.	Why does Mother Tongue Influence occur? a) Due to lack of knowledge of grammar rules. b) Because of language transfer from the native language. c) From poor vocabulary retention. d) Due to inability to hear the new language.	1	3	L1
9.	A common example of MTI in Indian speakers of English is: a) Rolling the 'r' sound excessively. b) Substituting *'v'* for *'w'* sounds or vice versa. c) Using 'th' as a hard sound instead of soft. d) All of the above	1	3	L1
10.	Which practice is most effective to neutralize Mother Tongue Influence? a) Listening to native speakers and repeating after them. b) Using complex vocabulary frequently. c) Avoiding second-language conversations. d) Focusing only on writing skills.	1	3	L1
11.	In communication some people do not talk much question even less and agree with opposing opinions. Such communications called_____ a) Assertive style b) Passive style c) Passive aggressive style d) Aggressive style	1	1	L2
12.	Which of the following are the key elements of communication? a) Communication is a two way process b) There has to be a message c) Commonness of understanding d) All of these	1	1	L1
13.	Ratan Tata was born on _____ a) 28 December 1937 b) 28 January 1940 c) 28 May 1935 d) 28 August 1937	1	1	L2
14.	Tata Institute of Fundamental Research is situated in _____ a) Bangalore b) Mumbai c) Delhi d) Madras	1	1	L1
15.	Positive body language _____ a) Quite reliable b) Quite unreliable c) Both a and b d) None of these	1	1	L1
16.	Which of the following statements explain interpersonal skills? a) The skills that a person uses to interact with other people b) People skills or communication skills c) Only communication skill d) All of these	1	1	L1
17.	Which of the following is not a function of a nonverbal communication? a) Nonverbal behavior creates a negative impact on the listener b) A non-verbal message simplifies a verbal message c) A nonverbal message complements a verbal message d) A non-verbal message keeps the listener connected to the speaker's words	1	1	L1

18.	Which of the following is NOT a aspect of paralinguistic? a) Facial expressions b) Rate of speech c) Pitch of voice d) Volume of voice	1	1	L1
19.	Body language refers to any kind of _____ or posture, including facial expressions which transmits a message to the observer a) Bodily language b) Bodily movement c) Bodily skill d) None of these	1	1	L2
20.	Our dress code is an example of _____ communication a) Verbal b) Nonverbal c) Written d) Spoken	1	1	L1
21.	What is the prefix in the word *"impossible"*? a) pos b) ible c) im d) ssible	1	2	L1
22.	Which of the following words contains a suffix? a) Misunderstand b) Happy c) Quickly d) Preheat	1	2	L1
23.	"Doctor : Hospital :: Teacher : ?" a) Class b) Laboratory c) School d) Office	1	2	L1
24.	"Cup : Saucer :: Pen : ?" a) Ink b) Pa c) Pencil d) Book	1	2	L1
25.	Which of the following is NOT a contraction? a) Can't b) Didn't c) Won't d) ATM	1		L1
26.	What does the abbreviation "etc." stand for? a) End to count b) Etc c) Every term close d) End term content	1	2	L1
27.	Choose the correct expansion for the abbreviation "DIY": a) Do It Yesterday b) Do It Yourself c) Drive In Ya d) Done in Year	1	2	L1
28.	Identify the tense used: The children were playing outside when it started raining. a) Past Continuous b) Past Perfect c) Present Continuous d) Future Continuous	1	2	L1
29.	Fill in the blank with the correct tense form: By next year, he _____ his degree. a) Will complete b) Has completed c) Will have completed d) Completes	1	2	L1
30.	Choose the correct option: I _____ to the market yesterday. a) Go b) Went c) Have gone d) Will go	1	2	L1
31.	Choose the appropriate prepositions from the options given: [Q 21 to Q25] The consonant cluster that comes before the vowel sound syllable is called _____ a) Onset b) Coda c) Nucleus d) Rime	1	2	L1
32.	Virat Kohli received a Padma Shri _____his exceptional performance in the field of cricket. a) for b) to c) by d) with	1	2	L1
33.	It is thirty past ten_____my watch. a) in b) on c) by d) with	1	2	L1
34.	She went _____ a very difficult time. a) Over b) above c) across d) through	1	2	L1
35.	A British woman was _____ the fifty-four victims of the disaster. a) Between b) among c) through d) since	1	2	L1
36.	Identify the suitable question tag for the given statement: [Q 26 to Q 27] You can't change the situation, _____? a) can't you b) can you c) could you d)couldn't you	1	2	L1

37.	Nurses have a difficult job, _____? a) haven't they b) have they c) don't they d) do they	1	2	L1
38.	Choose which part of speech the highlighted word is: She was wearing really beautiful earrings. a) Adjective b) Adverb c) Noun d) pronoun	1	2	L1
39.	What is the antonym of "scarce"? a) Abundant b) Rare c) Limited d) Few	1	2	L1
40.	46. Choose the synonym of "timid": a) Bold b) Shy c) Confident d) Outgoing	1	2	L1
41.	The name that has been used for the accent usually used for teaching the pronunciation of the British English is _____ a) Referred pronunciation b) Received pronunciation c) Reply pronunciation d) None of these	1	2	L2
42.	The purity of English language is lost due to _____ a) Influence of elders b) Mother tongue influence c) Both a and b d) None of these	1	2	L2
43.	At present standard English accent is considered as the English spoken by the people of _____ a) South east England b) India c) South Africa d) Australia	1	2	L1
44.	In phonetics RP is an abbreviation of _____ a) Remain prompt b) Received prompt c) Remain pronunciation d) Received pronunciation	1	2	L2
45.	Any vocal organ that takes part in the production of the speech sound is called _____ a) Artificial b) Articulator c) Pronunciation d) Symbols	1	2	L1
46.	The following are the articulators used to produce the speech sound except _____ a) Nose b) Lips c) Teeth d) Eyes	1	2	L1
47.	In phonetics the standard symbols used for the transcription are called _____ a) IPL b) IPA c) APL d) BPL	1	2	L1
48.	IPA is the abbreviation of _____ a) International phone alphabet b) Internal phonetic alphabet c) International phonetic alphabet d) Institutional phonetic alphabet	1	2	L1
49.	Using standard symbols for standard sounds is known as _____ a) Translate b) Transcription c) Trans d) Trans place	1	2	L1
50.	A transcription denotes the speech sound of a letter or a word is enclosed within brackets_____ a) slash // b) curly {} c) angle <> d) parentheses ( )	1	2	L2

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Version: B

SJC INSTITUTE OF TECHNOLOGY

(An Autonomous Institute under VTU, Belagavi)

FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**COMMUNICATIVE ENGLISH**		
Course Code:	**BENG106**	**Stream: All the Branches**	
Max Marks:	**50**	**Duration:**	**1 Hour**

INSTRUCTIONS TO THE CANDIDATES

1. Use only **Black ball point pen** for writing/ darkening the circle
2. Answer all the **fifty** questions, each question carries one mark.
3. For each question, after selecting your answer, darken the appropriate circle corresponding to the same question number on the **OMR** sheet.
4. Darkening two circles for the same question makes the answer invalid.

Q.NO.	Questions	Marks	CO	RBTL
1.	In communication some people do not talk much question even less and agree with opposing opinions. Such communications called_____ a) Assertive style b) Passive style c) Passive aggressive style d) Aggressive style	1	1	L2
2.	Which of the following are the key elements of communication? a) Communication is a two way process b) There has to be a message c) Commonness of understanding d) All of these	1	1	L1
3.	Ratan Tata was born on _____ a) 28 December 1937 b) 28 January 1940 c) 28 May 1935 d) 28 August 1937	1	1	L2
4.	Tata Institute of Fundamental Research is situated in _____ a) Bangalore b) Mumbai c) Delhi d) Madras	1	1	L1
5.	Positive body language _____ a) Quite reliable b) Quite unreliable c) Both a and b d) None of these	1	1	L1
6.	Which of the following statements explain interpersonal skills? a) The skills that a person uses to interact with other people b) People skills or communication skills c) Only communication skill d) All of these	1	1	L1
7.	Which of the following is not a function of a nonverbal communication? a) Nonverbal behavior creates a negative impact on the listener b) A non-verbal message simplifies a verbal message c) A nonverbal message complements a verbal message d) A non-verbal message keeps the listener connected to the speaker's words	1	1	L1

8.	Which of the following is NOT a aspect of paralinguistic? a) Facial expressions b) Rate of speech c) Pitch of voice d) Volume of voice	1	1	L1
9.	Body language refers to any kind of _____ or posture, including facial expressions which transmits a message to the observer a) Bodily language b) Bodily movement c) Bodily skill d) None of these	1	1	L2
10.	Our dress code is an example of _____ communication a) Verbal b) Nonverbal c) Written d) Spoken	1	1	L1
11.	What is the prefix in the word *"impossible"*? a) pos b) ible c) im d) ssible	1	2	L1
12.	Which of the following words contains a suffix? a) Misunderstand b) Happy c) Quickly d) Preheat	1	2	L1
13.	"Doctor : Hospital :: Teacher : ?" a) Class b) Laboratory c) School d) Office	1	2	L1
14.	"Cup : Saucer :: Pen : ?" a) Ink b) Pa c) Pencil d) Book	1	2	L1
15.	Which of the following is NOT a contraction? a) Can't b) Didn't c) Won't d) ATM	1		L1
16.	What does the abbreviation "etc." stand for? a) End to count b) Etc c) Every term close d) End term content	1	2	L1
17.	Choose the correct expansion for the abbreviation "DIY": a) Do It Yesterday b) Do It Yourself c) Drive In Ya d) Done in Year	1	2	L1
18.	Identify the tense used: The children were playing outside when it started raining. a) Past Continuous b) Past Perfect c) Present Continuous d) Future Continuous	1	2	L1
19.	Fill in the blank with the correct tense form: By next year, he _____ his degree. a) Will complete b) Has completed c) Will have completed d) Completes	1	2	L1
20.	Choose the correct option: I _____ to the market yesterday. a) Go b) Went c) Have gone d) Will go	1	2	L1
21.	The name that has been used for the accent usually used for teaching the pronunciation of the British English is _____ a) Referred pronunciation b) Received pronunciation c) Reply pronunciation d) None of these	1	2	L2
22.	The purity of English language is lost due to _____ a) Influence of elders b) Mother tongue influence c) Both a and b d) None of these	1	2	L2
23.	At present standard English accent is considered as the English spoken by the people of _____ a) South east England b) India c) South Africa d) Australia	1	2	L1
24.	In phonetics RP is an abbreviation of _____ a) Remain prompt b) Received prompt c) Remain pronunciation d) Received pronunciation	1	2	L2
25.	Any vocal organ that takes part in the production of the speech sound is called _____ a) Artificial b) Articulator c) Pronunciation d) Symbols	1	2	L1

26.	The following are the articulators used to produce the speech sound except _____ a) Nose b) Lips c) Teeth d) Eyes	1	2	L1
27.	In phonetics the standard symbols used for the transcription are called _____ a) IPL b) IPA c) APL d) BPL	1	2	L1
28.	IPA is the abbreviation of _____ a) International phone alphabet b) Internal phonetic alphabet c) International phonetic alphabet d) Institutional phonetic alphabet	1	2	L1
29.	Using standard symbols for standard sounds is known as _____ a) Translate b) Transcription c) Trans d) Trans place	1	2	L1
30.	A transcription denotes the speech sound of a letter or a word is enclosed within brackets_____ a) slash // b) curly {} c) angle <> d) parentheses ()	1	2	L2
31.	Choose the appropriate prepositions from the options given: [Q 21 to Q25] The consonant cluster that comes before the vowel sound syllable is called _____ a) Onset b) Coda c) Nucleus d) Rime	1	2	L1
32.	Virat Kohli received a Padma Shri _____his exceptional performance in the field of cricket. a) for b) to c) by d) with	1	2	L1
33.	It is thirty past ten_____my watch. a) in b) on c) by d) with	1	2	L1
34.	She went _____ a very difficult time. a) Over b) above c) across d) through	1	2	L1
35.	A British woman was _____ the fifty-four victims of the disaster. a) Between b) among c) through d) since	1	2	L1
36.	Identify the suitable question tag for the given statement: [Q 26 to Q 27] You can't change the situation, _____? a) can't you b) can you c) could you d)couldn't you	1	2	L1
37.	Nurses have a difficult job, _____? a) haven't they b) have they c) don't they d) do they	1	2	L1
38.	Choose which part of speech the highlighted word is: She was wearing really beautiful earrings. a) Adjective b) Adverb c) Noun d) pronoun	1	2	L1
39.	What is the antonym of "scarce"? a) Abundant b) Rare c) Limited d) Few	1	2	L1
40.	Choose the synonym of "timid": a) Bold b) Shy c) Confident d) Outgoing	1	2	L1
41.	What is the primary purpose of an oral presentation? a) To entertain the audience b) To impress with visuals c) To convey information clearly and effectively d) To use complex vocabulary	1	3	L1

42.	What is the recommended way to maintain audience interest during a presentation? a) Use a monotone voice b) Include interactive elements and visuals c) Read directly from the slides d) Speak very quickly to save time	1	3	L1
43.	Which of the following is NOT a good practice for a presentation? a) Making eye contact with the audience b) Speaking loudly and clearly c) Using excessive filler words (e.g., "um," "like") d) Practicing your presentation beforehand	1	3	L1
44.	How should you handle a question from the audience that you don't know the answer to? a) Ignore the question b) Admit you don't know and offer to follow up later c) Provide an unrelated answer d) Pretend to know and guess	1	3	L1
45.	What should be avoided in a PowerPoint presentation? a) Simple visuals b) Long paragraphs of text c) Bullet points d) Graphs and charts	1	3	L1
46.	Which area of communication is most affected by Mother Tongue Influence? a) Vocabulary building b) Pronunciation and accent c) Sentence construction d) Writing skills	1	3	L1
47.	Which of the following strategies can help reduce Mother Tongue Influence? a) Avoiding speaking the target language b) Listening and practicing correct pronunciation c) Memorizing native-language vocabulary d) Writing only in the mother tongue	1	3	L1
48.	Why does Mother Tongue Influence occur? a) Due to lack of knowledge of grammar rules. b) Because of language transfer from the native language. c) From poor vocabulary retention. d) Due to inability to hear the new language.	1	3	L1
49.	A common example of MTI in Indian speakers of English is: a) Rolling the 'r' sound excessively. b) Substituting *'v'* for *'w'* sounds or vice versa. c) Using 'th' as a hard sound instead of soft. d) All of the above	1	3	L1
50.	Which practice is most effective to neutralize Mother Tongue Influence? a) Listening to native speakers and repeating after them. b) Using complex vocabulary frequently. c) Avoiding second-language conversations. d) Focusing only on writing skills.	1	3	L1

SJC INSTITUTE OF TECHNOLOGY

(An Autonomous Institute under VTU, Belagavi)

FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**COMMUNICATIVE ENGLISH**		
Course Code:	**BENG106**	**Stream: All the Branches**	
Max Marks:	**50**	**Duration:**	**1 Hour**

INSTRUCTIONS TO THE CANDIDATES

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3. For each question, after selecting your answer, darken the appropriate circle corresponding to the same question number on the **OMR** sheet.
4. Darkening two circles for the same question makes the answer invalid.

Q.NO.	Questions	Marks	CO	RBTL
1.	What is the prefix in the word *"impossible"*? a) pos b) ible c) im d) ssible	1	2	L1
2.	Which of the following words contains a suffix? a) Misunderstand b) Happy c) Quickly d) Preheat	1	2	L1
3.	"Doctor : Hospital :: Teacher : ?" a) Class b) Laboratory c) School d) Office	1	2	L1
4.	"Cup : Saucer :: Pen : ?" a) Ink b) Pa c) Pencil d) Book	1	2	L1
5.	Which of the following is NOT a contraction? a) Can't b) Didn't c) Won't d) ATM	1	2	L1
6.	What does the abbreviation "etc." stand for? a) End to count b) Etc c) Every term close d) End term content	1	2	L1
7.	Choose the correct expansion for the abbreviation "DIY": a) Do It Yesterday b) Do It Yourself c) Drive In Ya d) Done in Year	1	2	L1
8.	Identify the tense used: The children were playing outside when it started raining. a) Past Continuous b) Past Perfect c) Present Continuous d) Future Continuous	1	2	L1
9.	Fill in the blank with the correct tense form: By next year, he _____ his degree. a) Will complete b) Has completed c) Will have completed d) Completes	1	2	L1
10.	Choose the correct option: I _____ to the market yesterday. a) Go b) Went c) Have gone d) Will go	1	2	L1
11.	What is the primary purpose of an oral presentation? a) To entertain the audience b) To impress with visuals c) To convey information clearly and effectively d) To use complex vocabulary	1	3	L1

12.	What is the recommended way to maintain audience interest during a presentation? a) Use a monotone voice b) Include interactive elements and visuals c) Read directly from the slides d) Speak very quickly to save time	1	3	L1
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14.	How should you handle a question from the audience that you don't know the answer to? a) Ignore the question b) Admit you don't know and offer to follow up later c) Provide an unrelated answer d) Pretend to know and guess	1	3	L1
15.	What should be avoided in a PowerPoint presentation? a) Simple visuals b) Long paragraphs of text c) Bullet points d) Graphs and charts	1	3	L1
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19.	A common example of MTI in Indian speakers of English is: a) Rolling the 'r' sound excessively. b) Substituting *'v'* for *'w'* sounds or vice versa. c) Using 'th' as a hard sound instead of soft. d) All of the above	1	3	L1
20.	Which practice is most effective to neutralize Mother Tongue Influence? a) Listening to native speakers and repeating after them. b) Using complex vocabulary frequently. c) Avoiding second-language conversations. d) Focusing only on writing skills.	1	3	L1
21.	Choose the appropriate prepositions from the options given: The consonant cluster that comes before the vowel sound syllable is called _____ a) Onset b) Coda c) Nucleus d) Rime	1	2	L1

22.	Virat Kohli received a Padma Shri _____his exceptional performance in the field of cricket. a) for b) to c) by d) with	1	2	L1
23.	It is thirty past ten_____my watch. a) in b) on c) by d) with	1	2	L1
24.	She went _____ a very difficult time. a) Over b) above c) across d) through	1	2	L1
25.	A British woman was _____ the fifty-four victims of the disaster. a) Between b) among c) through d) since	1	2	L1
26.	Identify the suitable question tag for the given statement: [Q 26 to Q 27] You can't change the situation, _____? a) can't you b) can you c) could you d)couldn't you	1	2	L1
27.	Nurses have a difficult job, _____? a) haven't they b) have they c) don't they d) do they	1	2	L1
28.	Choose which part of speech the highlighted word is: She was wearing really beautiful earrings. a) Adjective b) Adverb c) Noun d) pronoun	1	2	L1
29.	What is the antonym of "scarce"? a) Abundant b) Rare c) Limited d) Few	1	2	L1
30.	46. Choose the synonym of "timid": a) Bold b) Shy c) Confident d) Outgoing	1	2	L1
31.	The name that has been used for the accent usually used for teaching the pronunciation of the British English is _____ a) Referred pronunciation b) Received pronunciation c) Reply pronunciation d) None of these	1	2	L2
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33.	At present standard English accent is considered as the English spoken by the people of _____ a) South east England b) India c) South Africa d) Australia	1	2	L1
34.	In phonetics RP is an abbreviation of _____ a) Remain prompt b) Received prompt c) Remain pronunciation d) Received pronunciation	1	2	L2
35.	Any vocal organ that takes part in the production of the speech sound is called _____ a) Artificial b) Articulator c) Pronunciation d) Symbols	1	2	L1
36.	The following are the articulators used to produce the speech sound except _____ a) Nose b) Lips c) Teeth d) Eyes	1	2	L1
37.	In phonetics the standard symbols used for the transcription are called _____ a) IPL b) IPA c) APL d) BPL	1	2	L1
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39.	Using standard symbols for standard sounds is known as _____ a) Translate b) Transcription c) Trans d) Trans place	1	2	L1

40.	A transcription denotes the speech sound of a letter or a word is enclosed within brackets_____ a) slash // b) curly {} c) angle <> d) parentheses ( )	1	2	L2
41.	In communication some people do not talk much question even less and agree with opposing opinions. Such communications called_____ a) Assertive style b) Passive style c) Passive aggressive style d) Aggressive style	1	1	L2
42.	Which of the following are the key elements of communication? a) Communication is a two way process b) There has to be a message c) Commonness of understanding d) All of these	1	1	L1
43.	Ratan Tata was born on _____ a) 28 December 1937 b) 28 January 1940 c) 28 May 1935 d) 28 August 1937	1	1	L2
44.	Tata Institute of Fundamental Research is situated in _____ a) Bangalore b) Mumbai c) Delhi d) Madras	1	1	L1
45.	Positive body language _____ a) Quite reliable b) Quite unreliable c) Both a and b d) None of these	1	1	L1
46.	Which of the following statements explain interpersonal skills? a) The skills that a person uses to interact with other people b) People skills or communication skills c) Only communication skill d) All of these	1	1	L1
47.	Which of the following is not a function of a nonverbal communication? a) Nonverbal behavior creates a negative impact on the listener b) A non-verbal message simplifies a verbal message c) A nonverbal message complements a verbal message d) A non-verbal message keeps the listener connected to the speaker's words	1	1	L1
48.	Which of the following is NOT a aspect of paralinguistic? a) Facial expressions b) Rate of speech c) Pitch of voice d) Volume of voice	1	1	L1
49.	Body language refers to any kind of _____ or posture, including facial expressions which transmits a message to the observer a) Bodily language b) Bodily movement c) Bodily skill d) None of these	1	1	L2
50.	Our dress code is an example of _____ communication a) Verbal b) Nonverbal c) Written d) Spoken	1	1	L1

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Version: D

SJC INSTITUTE OF TECHNOLOGY

(An Autonomous Institute under VTU, Belagavi)

FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**COMMUNICATIVE ENGLISH**		
Course Code:	**BENG106**	**Stream: All the Branches**	
Max Marks:	**50**	**Duration:**	**1 Hour**

INSTRUCTIONS TO THE CANDIDATES

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Q.NO.	Questions	Marks	CO	RBTL
1.	What is the prefix in the word *"impossible"*? a) pos b) ible c) im d) ssible	1	2	L1
2.	Which of the following words contains a suffix? a) Misunderstand b) Happy c) Quickly d) Preheat	1	2	L1
3.	"Doctor : Hospital :: Teacher : ?" a) Class b) Laboratory c) School d) Office	1	2	L1
4.	"Cup : Saucer :: Pen : ?" a) Ink b) Pa c) Pencil d) Book	1	2	L1
5.	Which of the following is NOT a contraction? a) Can't b) Didn't c) Won't d) ATM	1		L1
6.	What does the abbreviation "etc." stand for? a) End to count b) Etc c) Every term close d) End term content	1	2	L1
7.	Choose the correct expansion for the abbreviation "DIY": a) Do It Yesterday b) Do It Yourself c) Drive In Ya d) Done in Year	1	2	L1
8.	Identify the tense used: The children were playing outside when it started raining. a) Past Continuous b) Past Perfect c) Present Continuous d) Future Continuous	1	2	L1
9.	Fill in the blank with the correct tense form: By next year, he _____ his degree. a) Will complete b) Has completed c) Will have completed d) Completes	1	2	L1
10.	Choose the correct option: I _____ to the market yesterday. a) Go b) Went c) Have gone d) Will go	1	2	L1
11.	Choose the appropriate prepositions from the options given: The consonant cluster that comes before the vowel sound syllable is called _____ a) Onset b) Coda c) Nucleus d) Rime	1	2	L1

12.	Virat Kohli received a Padma Shri _____his exceptional performance in the field of cricket. a) for b) to c) by d) with	1	2	L1
13.	It is thirty past ten_____my watch. a) in b) on c) by d) with	1	2	L1
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15.	A British woman was _____ the fifty-four victims of the disaster. a) Between b) among c) through d) since	1	2	L1
16.	Identify the suitable question tag for the given statement: [Q 26 to Q 27] You can't change the situation, _____? a) can't you b) can you c) could you d)couldn't you	1	2	L1
17.	Nurses have a difficult job, _____? a) haven't they b) have they c) don't they d) do they	1	2	L1
18.	Choose which part of speech the highlighted word is: She was wearing really beautiful earrings. a) Adjective b) Adverb c) Noun d) pronoun	1	2	L1
19.	What is the antonym of "scarce"? a) Abundant b) Rare c) Limited d) Few	1	2	L1
20.	46. Choose the synonym of "timid": a) Bold b) Shy c) Confident d) Outgoing	1	2	L1
21.	What is the primary purpose of an oral presentation? a) To entertain the audience b) To impress with visuals c) To convey information clearly and effectively d) To use complex vocabulary	1	3	L1
22.	What is the recommended way to maintain audience interest during a presentation? a) Use a monotone voice b) Include interactive elements and visuals c) Read directly from the slides d) Speak very quickly to save time	1	3	L1
23.	Which of the following is NOT a good practice for a presentation? a) Making eye contact with the audience b) Speaking loudly and clearly c) Using excessive filler words (e.g., "um," "like") d) Practicing your presentation beforehand	1	3	L1
24.	How should you handle a question from the audience that you don't know the answer to? a) Ignore the question b) Admit you don't know and offer to follow up later c) Provide an unrelated answer d) Pretend to know and guess	1	3	L1
25.	What should be avoided in a PowerPoint presentation? a) Simple visuals b) Long paragraphs of text c) Bullet points d) Graphs and charts	1	3	L1
26.	Which area of communication is most affected by Mother Tongue Influence? a) Vocabulary building b) Pronunciation and accent c) Sentence construction d) Writing skills	1	3	L1

27.	Which of the following strategies can help reduce Mother Tongue Influence? a) Avoiding speaking the target language b) Listening and practicing correct pronunciation c) Memorizing native-language vocabulary d) Writing only in the mother tongue	1	3	L1
28.	Why does Mother Tongue Influence occur? a) Due to lack of knowledge of grammar rules. b) Because of language transfer from the native language. c) From poor vocabulary retention. d) Due to inability to hear the new language.	1	3	L1
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33.	Ratan Tata was born on _____ a) 28 December 1937 b) 28 January 1940 c) 28 May 1935 d) 28 August 1937	1	1	L2
34.	Tata Institute of Fundamental Research is situated in _____ a) Bangalore b) Mumbai c) Delhi d) Madras	1	1	L1
35.	Positive body language _____ a) Quite reliable b) Quite unreliable c) Both a and b d) None of these	1	1	L1
36.	Which of the following statements explain interpersonal skills? a) The skills that a person uses to interact with other people b) People skills or communication skills c) Only communication skill d) All of these	1	1	L1
37.	Which of the following is not a function of a nonverbal communication? a) Nonverbal behavior creates a negative impact on the listener b) A non-verbal message simplifies a verbal message c) A nonverbal message complements a verbal message d) A non-verbal message keeps the listener connected to the speaker's words	1	1	L1

38.	Which of the following is NOT a aspect of paralinguistic? a) Facial expressions b) Rate of speech c) Pitch of voice d) Volume of voice	1	1	L1
39.	Body language refers to any kind of _____ or posture, including facial expressions which transmits a message to the observer a) Bodily language b) Bodily movement c) Bodily skill d) None of these	1	1	L2
40.	Our dress code is an example of _____ communication a) Verbal b) Nonverbal c) Written d) Spoken	1	1	L1
41.	The name that has been used for the accent usually used for teaching the pronunciation of the British English is _____ a) Referred pronunciation b) Received pronunciation c) Reply pronunciation d) None of these	1	2	L2
42.	The purity of English language is lost due to _____ a) Influence of elders b) Mother tongue influence c) Both a and b d) None of these	1	2	L2
43.	At present standard English accent is considered as the English spoken by the people of _____ a) South east England b) India c) South Africa d) Australia	1	2	L1
44.	In phonetics RP is an abbreviation of _____ a) Remain prompt b) Received prompt c) Remain pronunciation d) Received pronunciation	1	2	L2
45.	Any vocal organ that takes part in the production of the speech sound is called _____ a) Artificial b) Articulator c) Pronunciation d) Symbols	1	2	L1
46.	The following are the articulators used to produce the speech sound except _____ a) Nose b) Lips c) Teeth d) Eyes	1	2	L1
47.	In phonetics the standard symbols used for the transcription are called _____ a) IPL b) IPA c) APL d) BPL	1	2	L1
48.	IPA is the abbreviation of _____ a) International phone alphabet b) Internal phonetic alphabet c) International phonetic alphabet d) Institutional phonetic alphabet	1	2	L1
49.	Using standard symbols for standard sounds is known as _____ a) Translate b) Transcription c) Trans d) Trans place	1	2	L1
50.	A transcription denotes the speech sound of a letter or a word is enclosed within brackets_____ a) slash // b) curly {} c) angle <> d) parentheses ()	1	2	L2

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Version: A

SJC INSTITUTE OF TECHNOLOGY

(An Autonomous Institute under VTU, Belagavi)

FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**BALAKE KANNADA**		
Course Code:	**BBKA107**	**Branches: ISE, AIML, ECE & CV**	
Max Marks:	**50**	**Duration:**	**1 Hour**

INSTRUCTIONS TO THE CANDIDATES

1. Use only **Black ball point pen** for writing/ darkening the circle
2. Answer all the **fifty** questions, each question carries one mark.
3. For each question, after selecting your answer, darken the appropriate circle corresponding to the same question number on the **OMR** sheet.
4. Darkening two circles for the same question makes the answer invalid.

Q.NO.	Questions	Marks	CO	RBTL
1.	Adu_____Mane a) yara b) yaavudu c) yaake d) yarige	1	1	L1
2.	Naale _____uurige hogonavaaa? a) naa b) yaaru c) illa d) naavu	1	1	L1
3.	uuru yaavudu ? a) Idu b) Nanna c) Ninna d) Yaavaga	1	1	L1
4.	Avaru _____tande. a)niivu b) enu c) nanna d) elli	1	1	L1
5.	Transalate to Kannada Go fast a)beega hogu b) beega baa c) barabeku d) niillu	1	1	L1
6.	Chinna means a) silver b) book c) pen d) gold	1	1	L1
7.	Good night means a) shubharatri b) shubhodaya c) susvaagata d) None of these	1	1	L1
8.	Translate following sentences in to English Adu eenu? a) How are you? b) Who are you? c) Who is he? d) what is that?	1	1	L1
9.	Elane means a)9th b)10th c) 8th d) 7th	1	1	L1
10.	Nimma kaalejina raste _____(which) a)heege b) yaake c)yaavudu d) illa	1	1	L1
11.	Change as per model EX: mane +ninda = maneyinda Kaaleju+ ninda= a)kaaleju b) kaalejininda c) kaalejigaagi d) kaalejalli	1	1	L1
12.	Ex: Shale +Alli=Shaleyalli Mara+Alli_____ a) Maragalu b) Maradalli c) Marakke d) Maradinda	1	1	L1

13.	"Tamma" change the word plural form. a) Tammagalu b) Tammandiru c) Brother d) Brothers	**1**	**1**	**L1**
14.	Choose the correct kannada translation of "nimma vayasu yestu? a) what is your age? b) what are you doing c) what is your name? d) what is the college name?	**1**	**1**	**L1**
15.	Siri kannada book is "red. pustakada banna yaavudu? a) kappu b) niili c) Hasiru d) Kempu	**1**	**1**	**L1**
16.	Complete the following: Naanu:nanna ::neenu : a)avala b) Avana c) Ninna d) Avara	**1**	**2**	**L1**
17.	Why:yake :: who: a) Yaavudu b)Yaaru c) Yaavaga d)Eenu	**1**	**2**	**L1**
18.	Anna:Brother :: Tangi: a) Sister b) Father c) Friend d) Brother	**1**	**2**	**L1**
19.	Had your breakfast? a) Uutaaytha b) Tindiaytha? c) Coffeaytha? d) No drink	**1**	**2**	**L1**
20.	Hogu:Hogona::Baa:_____ a) Baralla b) Bandanu c) Barona d) Hodanu	**1**	**2**	**L1**
21.	Write the English word for the given kannada word Mara:_____ a) seeds b) holiday c) tree d) fruit	**1**	**2**	**L1**
22.	Tande _____ a) akka b) teacher c) former d) father	**1**	**2**	**L1**
23.	Habba _____ a) festival b) culture c) heritage d) weep	**1**	**2**	**L1**
24.	Sampattu _____ a) tomorrow b) health c) house d) wealth	**1**	**2**	**L1**
25.	Translate "fifty" in to kannada a) hattu b) nooru c) aivattu d) saavira	**1**	**2**	**L1**
26.	Kempu _____ a) white b) green c) red d) black	**1**	**2**	**L1**
27.	"when means ____ a) eshtu b) heege c) yaavaga d) elli	**1**	**2**	**L1**
28.	Nanna_____bengaluru. a) uuru b) village c) hand d)kaalu	**1**	**2**	**L1**
29.	Change the form as per the model EX: Kudi-Kudiyiri Bare- a)Bareyabeku b) Bareyiri c)Bare d) Bari	**1**	**2**	**L1**
30.	Tinni ____ a)Tinnu b) Tinnabeda c) Tinniri d) Yaavudualla	**1**	**2**	**L1**
31.	Fill in the blanks by translating the given English word to kannada Who_____ a)Naavu b) Yaaru c) Beku d) Illa	**1**	**2**	**L1**
32.	That _____ a)Ivanu b) Avanu c) Avalu d) Adu	**1**	**2**	**L1**

33.	Pomegranate_____ a) Nimbehannu b) Dalimbe c) Balehannu d) Sibehannu	**1**	**2**	**L1**
34.	Road _____ a)Raste b) Nillu c) Nildaana d) Railu	**1**	**2**	**L1**
35.	Drama____ a)Kathe b) Naataka c) Ase d) kavana	**1**	**2**	**L1**
36.	Girl _____ a)Makkalu b) magu c) Hudugi d)amma	**1**	**2**	**L1**
37.	Why _____ a)Heege b)Yaake c) Elli d) Illi	**1**	**2**	**L1**
38.	Want_____ a)Beeda b) Beeku c) Illa d) Mane	**1**	**2**	**L1**
39.	New _____ a)paata b)hosadu c)haleya d) ketta	**1**	**2**	**L1**
40.	Fast_____ a)idu b) saaku c)beega d) baa	**1**	**3**	**L1**
41.	Translate the question kannada to english: nanu hogabahuda saar? a)can i go sir? b)will i come sir? c)8 clock sir? d) what is the time sir?	**1**	**3**	**L1**
42.	Takshana baa____ a)come b) immediately c) come tomorrow d)come immediately	**1**	**3**	**L1**
43.	Shubhodaya saar a)verygood b)thank you sir c)bye sir d)good morning sir	**1**	**3**	**L1**
44.	Ninage pustaka bekaa? a) collect book b) you take book c) do you want book ? d) both a and b correct	**1**	**3**	**L1**
45.	yaava kaaleju ? a) where is your college? b) How did is your college? c) What is your name? d) Which college?	**1**	**3**	**L1**
46.	Transform the following words of kannada as per the given model: hadu : hadiri :: kelu:_____ a) kelabeda b) keliri c) kelu d) none of this	**1**	**3**	**L1**
47.	Hodhu : hodhona:: kali----- a) kaliyona b) kugona c) kalibeku d) kali	**1**	**3**	**L1**
48.	Hogu : hoguthene:: baa: ---------- a) bandu b) bande c) barilla d) baruthene	**1**	**3**	**L1**
49.	Mane + alli = maneyalli, Uuru+ inda = --- a)Uurige b) Uurukade c) Uurinda d) Uurali	**1**	**3**	**L1**
50.	Adu:Adakke ::Uuta::___ a)Uutakke b) Uuta c) Uutabeda d) Uutakkagi	**1**	**3**	**L1**

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Version: B

SJC INSTITUTE OF TECHNOLOGY

(An Autonomous Institute under VTU, Belagavi)

FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**BALAKE KANNADA**		
Course Code:	**BBKA107**	**Stream: ISE, AIML, ECE & CV**	
Max Marks:	**50**	**Duration:**	**01 Hour**

INSTRUCTIONS TO THE CANDIDATES

1. Use only **Black ball point pen** for writing/ darkening the circle
2. Answer all the **fifty** questions, each question carries one mark.
3. For each question, after selecting your answer, darken the appropriate circle corresponding to the same question number on the **OMR** sheet.
4. Darkening two circles for the same question makes the answer invalid.

Q.NO.	Questions	Marks	CO	RBTL
1.	Change as per model EX: mane +ninda=maneyinda Kaaleju+ ninda= a)kaaleju b) kaalejininda c) kaalejigaagi d) kaalejalli	1	1	L1
2.	Ex: Shale +Alli=Shaleyalli Mara+Alli_____ a) Maragalu b) Maradalli c) Marakke d) Maradinda	1	1	L1
3.	“Tamma” change the word plural form. Tammagalu b) Tammandiru c) Brother d) Brothers	1	1	L1
4.	Choose the correct kannada translation of “nimma vayasu yestu? a) what is your age? b) what are you doing what is your name? d) what is the college name?	1	1	L1
5.	Siri kannada book is “red. pustakada banna yaavudu? kappu b) niili c) Hasiru d) Kempu	1	1	L1
6.	Complete the following: Naanu:nanna ::neenu : a)avala b) Avana c) Ninna d) Avara	1	2	L1
7.	Why:yake :: who: Yaavudu b)Yaaru c) Yaavaga d)Eenu	1	2	L1
8.	Anna:Brother :: Tangi: Sister b) Father c) Friend d) Brother	1	2	L1
9.	Had your breakfast? a) Uutaaytha b) Tindiaytha? c) Coffeaytha? d) No drink	1	2	L1
10.	Hogu: Hogona :: Baa:_____ a) Baralla b) Bandanu c) Barona d)Hodanu	1	2	L1

11.	Fill in the blanks by translating the given English word to kannada Who_____ a)Naavu b) Yaaru c) Beku d) Illa	**1**	**2**	**L1**
12.	That _____ a)Ivanu b) Avanu c) Avalu d) Adu	**1**	**2**	**L1**
13.	Pomegranate_____ a) Nimbehannu b)Dalimbe b) Balehannu d)Sibehannu	**1**	**2**	**L1**
14.	Road _____ a)Raste b) Nillu c) Nildaana d) Railu	**1**	**2**	**L1**
15.	Drama____ a)Kathe b) Naataka c) Ase d) kavana	**1**	**2**	**L1**
16.	Girl _____ a)Makkalu b) magu c) Hudugi d) amma	**1**	**2**	**L1**
17.	Why _____ a)Heege b)Yaake c) Elli d) Illi	**1**	**2**	**L1**
18.	Want_____ a)Beeda b) Beeku c) Illa d) Mane	**1**	**2**	**L1**
19.	New _____ a) Paata b)hosadu c) haleya d) ketta	**1**	**2**	**L1**
20.	Fast_____ a)idu b) saaku c)beega d) baa	**1**	**3**	**L1**
21.	Write the English word for the given kannada word Mara:_____ a) seeds b) holiday c) tree d) fruit	**1**	**2**	**L1**
22.	Tande _____ a) akka b) teacher c) former d) father	**1**	**2**	**L1**
23.	Habba _____ a) festival b) culture c) heritage d) weep	**1**	**2**	**L1**
24.	Sampattu _____ a) tomorrow b) health c) house d) wealth	**1**	**2**	**L1**
25.	Translate “fifty” in to kannada a) hattu b) nooru c) aivattu d) saavira	**1**	**2**	**L1**
26.	Kempu _____ a) white b) green c) red d) black	**1**	**2**	**L1**
27.	“when means ____ a) eshtu b) heege c) yaavaga d) elli	**1**	**2**	**L1**
28.	Nanna_____bengaluru. a) uuru b) village c) hand d)kaalu	**1**	**2**	**L1**
29.	Change the form as per the model EX: Kudi-Kudiyiri Bare- a)Bareyabeku b) Bareyiri c)Bare d) Bari	**1**	**2**	**L1**
30.	Tinni ____ a)Tinnu b) Tinnabeda c) Tinniri d) Yaavudualla	**1**	**2**	**L1**
31.	Translate the question kannada to english: nanu hogabahuda saar? a)can i go sir? b)will i come sir? c)8 clock sir? d) what is the time sir?	**1**	**3**	**L1**
32.	Takshana baa____ a)come b) immediately c) come tomorrow d)come immediately	**1**	**3**	**L1**

33.	Shubhodaya saar a) very good b) thank you sir c) bye sir d)good morning sir	**1**	**3**	**L1**
34.	Ninage pustaka bekaa? a) collect book b) you take book c) do you want book ? d) both a and b correct	**1**	**3**	**L1**
35.	yaava kaaleju ? a) where is your college? b) How did is your college? c) What is your name? d) Which college?	**1**	**3**	**L1**
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37.	Hodhu : hodhona:: kali----- a) kaliyona b) kugona c) kalibeku d) kali	**1**	**3**	**L1**
38.	Hogu : hoguthene:: baa: ---------- a) bandu b) bande c) barilla d) baruthene	**1**	**3**	**L1**
39.	Mane + alli = maneyalli, Uuru+ inda = --- a)Uurige b) Uurukade c) Uurinda d) Uurali	**1**	**3**	**L1**
40.	Adu:Adakke ::Uuta::___ a)Uutakke b) Uuta c) Uutabeda d) Uutakkagi	**1**	**3**	**L1**
41.	Adu_____Mane yara b) yaavudu c) yaake d) yarige	**1**	**1**	**L1**
42.	Naale _____uurige hogonavaaa? naa b) yaaru c) illa d) naavu	**1**	**1**	**L1**
43.	uuru yaavudu ? a) Idu b) Nanna c) Ninna d) Yaavaga	**1**	**1**	**L1**
44.	Avaru _____tande. a)niivu b) enu c) nanna d) elli	**1**	**1**	**L1**
45.	Transalate to Kannada Go fast a)beega hogu b) beega baa c) barabeku d) niillu	**1**	**1**	**L1**
46.	Chinna means a) silver b) book c) pen d) gold	**1**	**1**	**L1**
47.	Good night means a) shubharatri b) shubhodaya susvaagata d) None of these	**1**	**1**	**L1**
48.	Translate following sentences in to English Adu eenu? a) How are you? b) Who are you? c) Who is he? d) what is that?	**1**	**1**	**L1**
49.	Elane means a)9th b)10th c) 8th d) 7th	**1**	**1**	**L1**
50.	Nimma kaalejina raste _____(which) a)heege b) yaake c)yaavudu d) illa	**1**	**1**	**L1**

SJC INSTITUTE OF TECHNOLOGY

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Q.NO.	Questions	Marks	CO	RBTL
1.	Write the English word for the given kannada word Mara:_____ seeds b) holiday c) tree d) fruit	1	2	L1
2.	Tande _____ akka b) teacher c) former d) father	1	2	L1
3.	Habba _____ festival b) culture c) heritage d) weep	1	2	L1
4.	Sampattu _____ tomorrow b) health c) house d) wealth	1	2	L1
5.	Translate “fifty” in to kannada hattu b) nooru c) aivattu d) saavira	1	2	L1
6.	Kempu _____ white b) green c) red d) black	1	2	L1
7.	“when means ____ eshtu b) heege c) yaavaga d) elli	1	2	L1
8.	Nanna_____bengaluru. a) uuru b) village c) hand d)kaalu	1	2	L1
9.	Change the form as per the model EX: Kudi-Kudiyiri Bare- a)Bareyabeku b) Bareyiri c)Bare d) Bari	1	2	L1
10.	Tinni ____ a)Tinnu b) Tinnabeda c) Tinniri d) Yaavudualla	1	2	L1
11.	Translate the question kannada to english: nanu hogabahuda saar? can i go sir? b) will i come sir? c)8 c) clock sir? d) what is the time sir?	1	3	L1
12.	Takshana baa_____ a)come b) immediately c) come tomorrow d)come immediately	1	3	L1

13.	Shubhodaya saar a) very good b) thank you sir c) bye sir d) good morning sir	**1**	**3**	**L1**
14.	Ninage pustaka bekaa? a) collect book b) you take book c) do you want book ? d) both a and b correct	**1**	**3**	**L1**
15.	yaava kaaleju ? a) where is your college? b) How did is your college? c) What is your name? d) Which college?	**1**	**3**	**L1**
16.	Transform the following words of kannada as per the given model: hadu : hadiri :: kelu:_____ a) kelabeda b) keliri c) kelu d) none of these	**1**	**3**	**L1**
17.	Hodhu : hodhona:: kali----- a) kaliyona b) kugona c) kalibeku d) kali	**1**	**3**	**L1**
18.	Hogu : hoguthene:: baa: ---------- a) bandu b) bande c) barilla d) baruthene	**1**	**3**	**L1**
19.	Mane + alli = maneyalli, Uuru+ inda = --- a)Uurige b) Uurukade c) Uurinda d) Uurali	**1**	**3**	**L1**
20.	Adu:Adakke ::Uuta::__ a)Uutakke b) Uuta c) Uutabeda d) Uutakkagi	**1**	**3**	**L1**
21.	Adu_____Mane a) yara b) yaavudu c) yaake d) yarige	**1**	**1**	**L1**
22.	Naale _____uurige hogonavaaa? a) naa b) yaaru c) illa d) naavu	**1**	**1**	**L1**
23.	uuru yaavudu ? a) Idu b) Nanna c) Ninna d) Yaavaga	**1**	**1**	**L1**
24.	Avaru _____tande. a)niivu b) enu c) nanna d) elli	**1**	**1**	**L1**
25.	Transalate to Kannada “Go fast” a)beega hogu b) beega baa c) barabeku d) niillu	**1**	**1**	**L1**
26.	Chinna means a) silver b) book c) pen d) gold	**1**	**1**	**L1**
27.	Good night means a) shubharatri b) shubhodaya c) susvaagata d) None of these	**1**	**1**	**L1**
28.	Translate following sentences in to English Adu eenu? a) How are you? b) Who are you? c) Who is he? d) what is that?	**1**	**1**	**L1**
29.	Elane means a)9th b)10th c) 8th d) 7th	**1**	**1**	**L1**
30.	Nimma kaalejina raste _____(which) a)heege b) yaake c)yaavudu d) illa	**1**	**1**	**L1**
31.	Change as per model EX: mane +ninda=maneyinda Kaaleju+ ninda= a)kaaleju b) kaalejininda c) kaalejigaagi d) kaalejalli	**1**	**1**	**L1**
32.	Ex: Shale +Alli=Shaleyalli Mara+Alli_____ a) Maragalu b) Maradalli c) Marakke d) Maradinda	**1**	**1**	**L1**

33.	"Tamma" change the word plural form. a) Tammagalu b) Tammandiru c) Brother d) Brothers	**1**	**1**	**L1**
34.	Choose the correct kannada translation of "nimma vayasu yestu? a) what is your age? b) what are you doing what is your name? d) what is the college name?	**1**	**1**	**L1**
35.	Siri kannada book is "red. pustakada banna yaavudu? kappu b) niili c) Hasiru d) Kempu	**1**	**1**	**L1**
36.	Complete the following: Naanu:nanna ::neenu : a)avala b) Avana c) Ninna d) Avara	**1**	**2**	**L1**
37.	Why:yake :: who: Yaavudu b)Yaaru c) Yaavaga d)Eenu	**1**	**2**	**L1**
38.	Anna:Brother :: Tangi: Sister b) Father c) Friend d) Brother	**1**	**2**	**L1**
39.	Had your breakfast? a) Uutaaytha b) Tindiaytha? c) Coffee aytha? d) No drink	**1**	**2**	**L1**
40.	Hogu: Hogona :: Baa:_____ Baralla b) Bandanu c) Barona d)Hodanu	**1**	**2**	**L1**
41.	Fill in the blanks by translating the given English word to kannada Who_____ a)Naavu b) Yaaru c) Beku d) Illa	**1**	**2**	**L1**
42.	That _____ a)Ivanu b) Avanu c) Avalu d) Adu	**1**	**2**	**L1**
43.	Pomegranate_____ a) Nimbehannu b)Dalimbe c)Balehannu d)Sibehannu	**1**	**2**	**L1**
44.	Road _____ a)Raste b) Nillu c) Nildaana d) Railu	**1**	**2**	**L1**
45.	Drama____ a)Kathe b) Naataka c) Ase d) kavana	**1**	**2**	**L1**
46.	Girl _____ a)Makkalu b) magu c) Hudugi d) amma	**1**	**2**	**L1**
47.	Why _____ a)Heege b)Yaake c) Elli d) Illi	**1**	**2**	**L1**
48.	Want_____ a)Beeda b) Beeku c) Illa d) Mane	**1**	**2**	**L1**
49.	New _____ Paata b)hosadu c) haleya d) ketta	**1**	**2**	**L1**
50.	Fast_____ a)idu b) saaku c)beega d) baa	**1**	**3**	**L1**

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Version: D

SJC INSTITUTE OF TECHNOLOGY

(An Autonomous Institute under VTU, Belagavi)

FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**BALAKE KANNADA**		
Course Code:	**BBKA107**	**Branches: ISE, AIML, ECE & CV**	
Max Marks:	**50**	**Duration:**	**1 Hour**

INSTRUCTIONS TO THE CANDIDATES

1. Use only **Black ball point pen** for writing/ darkening the circle
2. Answer all the **fifty** questions, each question carries one mark.
3. For each question, after selecting your answer, darken the appropriate circle corresponding to the same question number on the **OMR** sheet.
4. Darkening two circles for the same question makes the answer invalid.

Q.NO.	Questions	Marks	CO	RBTL
1.	Write the English word for the given kannada word Mara:_____ a) seeds b) holiday c) tree d) fruit	1	2	L1
2.	Tande _____ a) akka b) teacher c) former d) father	1	2	L1
3.	Habba _____ a) festival b) culture c) heritage d) weep	1	2	L1
4.	Sampattu _____ tomorrow b) health c) house d) wealth	1	2	L1
5.	Translate “fifty” in to kannada a) hattu b) nooru c) aivattu d) saavira	1	2	L1
6.	Kempu _____ a) White b) green c) red d) black	1	2	L1
7.	“when means ____ a) eshtu b) heege c) yaavaga d) elli	1	2	L1
8.	Nanna_____bengaluru. a) uuru b) village c) hand d)kaalu	1	2	L1
9.	Change the form as per the model EX: Kudi-Kudiyiri Bare- a) Bareyabeku b) Bareyiri c)Bare d) Bari	1	2	L1
10.	Tinni ____ a) Tinnu b) Tinnabeda c) Tinniri d) Yaavudualla	1	2	L1
11.	Translate the question kannada to english: nanu hogabahuda saar? a) can i go sir? b) will i come sir? c) 8 clock sir? d) what is the time sir?	1	3	L1
12.	Takshana baa____ a)come b) immediately c) c) come tomorrow d)come immediately	1	3	L1

13.	Shubhodaya saar a)very good sir b)thank you sir c) bye sir d)good morning sir	**1**	**3**	**L1**
14.	Ninage pustaka bekaa? a) collect book b) you take book c) do you want book? d) both a and b correct	**1**	**3**	**L1**
15.	yaava kaaleju ? a) where is your college? b) How did is your college? c) What is your name? d) Which college?	**1**	**3**	**L1**
16.	Transform the following words of kannada as per the given model: hadu : hadiri :: kelu:_____ a) kelabeda b) keliri c) kelu d) none of this	**1**	**3**	**L1**
17.	Hodhu : hodhona:: kali----- a) kaliyona b) kugona c) kalibeku d) kali	**1**	**3**	**L1**
18.	Hogu : hoguthene:: baa: ---------- a) bandu b) bande c) barilla d) baruthene	**1**	**3**	**L1**
19.	Mane + alli = maneyalli, Uuru+ inda = --- a) a)Uurige b) Uurukade c) Uurinda d) Uurali	**1**	**3**	**L1**
20.	Adu:Adakke ::Uuta::___ a)Uutakke b) Uuta c) Uutabeda d) Uutakkagi	**1**	**3**	**L1**
21.	Adu_____Mane a) yara b) yaavudu c) yaake d) yarige	**1**	**1**	**L1**
22.	Naale _____uurige hogonavaaa? a) naa b) yaaru c) illa d) naavu	**1**	**1**	**L1**
23.	uuru yaavudu ? a) a) Idu b) Nanna c) Ninna d) Yaavaga	**1**	**1**	**L1**
24.	Avaru _____tande. a) a)niivu b) enu c) nanna d) elli	**1**	**1**	**L1**
25.	Transalate to Kannada Go fast a) a)beega hogu b) beega baa c) barabeku d) niillu	**1**	**1**	**L1**
26.	Chinna means a) a) silver b) book c) pen d) gold	**1**	**1**	**L1**
27.	Good night means a) shubharatri b) shubhodaya a) susvaagata d) None of these	**1**	**1**	**L1**
28.	Translate following sentences in to English Adu eenu? a) How are you? b) Who are you? c) Who is he? d) what is that?	**1**	**1**	**L1**
29.	Elane means a)9th b)10th c) 8th d) 7th	**1**	**1**	**L1**
30.	Nimma kaalejina raste _____(which) a)heege b) yaake c)yaavudu d) illa	**1**	**1**	**L1**
31.	Change as per model EX: mane +ninda = maneyinda Kaaleju+ ninda= a)kaaleju b) kaalejininda c) kaalejigaagi d) kaalejalli	**1**	**1**	**L1**
32.	Ex: Shale +Alli=Shaleyalli Mara+Alli_____ a) Maragalu b) Maradalli c) Marakke d)Maradinda	**1**	**1**	**L1**
33.	"Tamma" change the word plural form. a)Tammagalu b) Tammandiru c) Brother d) Brothers	**1**	**1**	**L1**

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34.	Choose the correct kannada translation of “nimma vayasu yestu? a) what is your age? b) what are you doing c) what is your name? d) what is the college name?	**1**	**1**	**L1**
35.	Siri kannada book is “red. pustakada banna yaavudu? a) kappu b) niili c) Hasiru d) Kempu	**1**	**1**	**L1**
36.	Complete the following: Naanu:nanna ::neenu : a)avala b) Avana c) Ninna d) Avara	**1**	**2**	**L1**
37.	Why:yake :: who: a) Yaavudu b)Yaaru c) Yaavaga d)Eenu	**1**	**2**	**L1**
38.	Anna:Brother :: Tangi: a) Sister b) Father c) Friend d) Brother	**1**	**2**	**L1**
39.	Had your breakfast? a) Uutaaytha b) Tindiaytha? c) Coffeaytha? d) No drink	**1**	**2**	**L1**
40.	Hogu:Hogona::Baa:_____ a) Baralla b) Bandanu c) Barona d)Hodanu	**1**		**L1**
41.	Write the English word for the given kannada word Mara:_____ a) seeds b) holiday c) tree d) fruit	**1**	**2**	**L1**
42.	Tande _____ a) akka b) teacher c) former d) father	**1**	**2**	**L1**
43.	Habba _____ a) festival b) culture c) heritage d) weep	**1**	**2**	**L1**
44.	Sampattu _____ a) tomorrow b) health c) house d) wealth	**1**	**2**	**L1**
45.	Translate “fifty” in to kannada a) hattu b) nooru c) aivattu d) saavira	**1**	**2**	**L1**
46.	Kempu _____ a) white b) green c) red d) black	**1**	**2**	**L1**
47.	“when means ____ eshtu b) heege c) yaavaga d) elli	**1**	**2**	**L1**
48.	Nanna_____bengaluru. a) uuru b) village c) hand d)kaalu	**1**	**2**	**L1**
49.	Change the form as per the model EX: Kudi-Kudiyiri Bare- a)Bareyabeku b) Bareyiri c)Bare d) Bari	**1**	**2**	**L1**
50.	Tinni ____ a)Tinnu b) Tinnabeda c) Tinniri d) Yaavudualla	**1**	**2**	**L1**

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FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**SAAMSKRUTHIKA KANNADA**		
Course Code:	**BSKA107**	**Branches: ISE, AIML, ECE & CV**	
Max Marks:	**50**	**Duration:**	**1 Hour**

INSTRUCTIONS TO THE CANDIDATES

1. Use only **Black ball point pen** for writing/ darkening the circle
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Q. NO.	Questions	Marks	CO	RBTL
1.	ಗಂಗರ ರಾಜಧಾನಿ ಯಾವುದು ? a)ಮೈಸೂರು b) ಕಲಬುರಗಿ c) ತಲಕಾಡು d) ಹುಬ್ಬಳ್ಳಿ	1	1	L1
2.	ಕರ್ನಾಟಕದ ಸಂಕ್ಷಿಪ್ತ ಇತಿಹಾಸ ಮತ್ತು ಸಾಹಿತ್ಯದ ಬೆಳವಣಿಗೆ ಈ ಲೇಖನ ಬರೆದವರು ಯಾರು ? a)ಹಂಪ ನಾಗರಾಜಯ್ಯ b) ಜಿ ವೆಂಕಟಸುಬ್ಬಯ್ಯ c) ಶಿಶುನಾಳ ಶರೀಫ d) ಪ್ರೊ ಎಲ್ ತಿಮ್ಮೇಶ್	1	1	L1
3.	"ಕರ್ನಾಟಕ" ರಾಜ್ಯವೆಂದು ನಾಮಕರಣವಾದ ವರ್ಷ ಯಾವುದು ? a) 1972 b) 1973 c) 1974 d) 2020	1	1	L1
4.	ಕರ್ನಾಟಕದ ರಾಜ್ಯದ ಮೊದಲ ಹೆಸರು ? a)ಮಂಡ್ಯ b) ಬಳ್ಳಾರಿ c) ಕೊಡಗು d) ಮೈಸೂರು	1	1	L1
5.	ವಿಜಯನಗರ ಸಾಮ್ರಾಜ್ಯವನ್ನು _____ ನದಿ ತೀರದಲ್ಲಿ ಸ್ಥಾಪಿಸಿದರು. a) ಕಾವೇರಿ b) ತುಂಗಾ c) ಯಮುನಾ d) ಗಂಗಾ	1	1	L1
6.	ಬೀದರ್ ನಗರದಲ್ಲಿ ನಡೆದ ಕನ್ನಡ ಸಾಹಿತ್ಯ ಸಮ್ಮೇಳನದ ಅಧ್ಯಕ್ಷರಾಗಿದ್ದವರು ಯಾರು? a).ಹಂಪ ನಾಗರಾಜಯ್ಯ b). ಶಿವರಾಮ ಕಾರಂತ್ c). ಗೋಪಾಲಕೃಷ್ಣ d).ಡಿ.ಎಲ್ ನರಸಿಂಹಚಾರ್ಯರು	1	1	L1
7.	ಕರ್ನಾಟಕ ಏಕೀಕರಣ: ಒಂದು ಅಪೂರ್ವ ಚರಿತ್ರೆ, ಈ ಲೇಖನ ಬರೆದವರು ಯಾರು? a) ಹಂಪ ನಾಗರಾಜಯ್ಯ b)ಮಾಸ್ತಿ ವೆಂಕಟೇಶ c)ಜಿ ವೆಂಕಟಸುಬ್ಬಯ್ಯ d)ಶ್ರೀರಂಗರು	1	1	L1
8.	ವಿದ್ಯಾವರ್ಧಕ ಸಂಘವು_____ನಲ್ಲಿ ಸ್ಥಾಪನೆಯಾಯಿತು. a)1880 b)1890 c)1895 d)1885	1	1	L1
9.	ರಾಯಚೂರಿನಲ್ಲಿ ನಡೆದ ಕನ್ನಡ ಸಾಹಿತ್ಯ ಪರಿಷತ್ತಿನ ಸಮ್ಮೇಳನದ ಅಧ್ಯಕ್ಷರು ಯಾರು? a)ಶ್ರೀರಂಗರು b)ಮಾಸ್ತಿ c)ಶಿವರಾಮ ಕಾರಂತ್ d)ಗೋಪಾಲಕೃಷ್ಣ	1	1	L1
10.	1800 ರಲ್ಲಿ ಬಳ್ಳಾರಿ ಜಿಲ್ಲೆಯ ಕಲೆಕ್ಟರ್ ಆಗಿದ್ದವರು ಯಾರು? a) ಸರ್ ಥಾಮಸ್ ಮನ್ರೋ b) ಮಾಸ್ತಿ c) ಆಲೂರು ವೆಂಕಟರಾಯ d) ಬೇಂದ್ರೆ	1	1	L1

11.	ಜನರಾಡುವ ಭಾಷೆ ಆಡಳಿತ ಭಾಷೆಯಾದಗ ಆಡಳಿತವು _____ಆಗಿರುತ್ತದೆ. a) ಅಸ್ಪಷ್ಟತೆ b) ಗೊಂದಲ c) ಪಾರದರ್ಶಕ d) ಅನುಕೂಲರಹಿತ	**1**	**1**	**L1**
12.	ಕನ್ನಡ ಲಿಪಿಯನ್ನ " ಲಿಪಿಗಳ ರಾಣಿ" ಎಂದು ಕರೆದವರು ಯಾರು? a) ಕುವೆಂಪು b) ಮಾಸ್ತಿ c) ಗೋವಿಂದಪೈ d) ವಿನೋಬಾ ಭಾವೆ	**1**	**1**	**L1**
13.	ಕನ್ನಡ ಭಾಷೆಯನ್ನು ಸು. _____ ಜನರು ಆಡುನುಡಿಯಾಗಿ ಬಳಸುತ್ತಾರೆ? **a)** ಸು. **60** ದಶಲಕ್ಷ **b)** ಸು. **50** ದಶಲಕ್ಷ **c)** ಸು. **40** ದಶಲಕ್ಷ **d)** ಸು. **80** ದಶಲಕ್ಷ	**1**	**1**	**L1**
14.	ಆಡಳಿತ ಭಾಷೆ ಯಾವಾಗಲೂ____ ಇರಬೇಕು. **a)** ಕಷ್ಟಕರವಾಗಿ **b)** ಅರ್ಥವಾಗದಂತೆ **c)** ಗೊಂದಲದಿಂದ **d)** ಸರಳ ಮತ್ತು ಸ್ಪಷ್ಟವಾಗಿ	**1**	**1**	**L1**
15.	ನಮ್ಮ ರಾಜ್ಯದಲ್ಲಿ _____ಭಾಷಾ ಸೂತ್ರ ಬಳಕೆಯಲ್ಲಿದೆ. **a)**ದ್ವಿ **b)**ಏಕ **c)**ತ್ರಿ **d)**ಚತುರ್	**1**	**1**	**L1**
16.	_____ಘನ ವಜ್ರ ಕಿರಿದೆನ್ನಬಹುದೆ ಬಾರದಯ್ಯಾ. **a)** ಜ್ಯೋತಿ **b)** ನೆನಪು **c)**ಮರೆವು **d)**ಗಿರಿ	**1**	**2**	**L1**
17.	_____ ಕಣ್ಣ ಕಾಣಲರಿಯದೆ ರವಿಯ ಬಯ್ವುದು ಎಂದು ಅಕ್ಕಮಹಾದೇವಿ ಹೇಳಿದ್ದಾರೆ. **a)**ಕಾಗೆ **b)** ಗೂಗೆ **c)** ಸಿಂಹ **d)** ಚಿರತೆ	**1**	**2**	**L1**
18.	ಜೇಡರ ದಾಸಿಮಯ್ಯನವರ ಕಾಯಕ ಯಾವುದು? **a)**ಅಕ್ಕಿ ಆಯುವುದು **b))**ವ್ಯವಸಾಯ **c)** ನೆಯ್ಗೆ **d)**ಯಾವುದು ಅಲ್ಲ	**1**	**2**	**L1**
19.	ನವಿಲಿಗೆ ಚಿತ್ರ ಬರೆದವರು ಯಾರು ? **a)**ಭಗವಂತ **b)**ಪ್ರಾಣಿ c)ಪಕ್ಷಿ **d)**ಮನುಷ್ಯ.	**1**	**3**	**L1**
20.	ಕನಕದಾಸರ ಅಂಕಿತನಾಮ ಯಾವುದು **?** **a)**ಕಾಗಿನೆಲೆಯಾದಿಕೇಶವರಾಯ **b)**ಕೂಡಲಸಂಗಮದೇವ **c)**ಚೆನ್ನ ಮಲ್ಲಿಕಾರ್ಜುನ **d)**ಗುಹೇಶ್ವರ	**1**	**3**	**L1**
21.	"ಸಾವಿರ ಕೊಡಗಳ ಸುಟ್ಟು" ಎಂಬ ತತ್ವಪದವನ್ನು ಬರೆದವರು ಯಾರು **?** **a)**ಬಸವಣ್ಣ **b)** ಶಿಶುನಾಳ ಶರೀಫ **c)** ಕನಕದಾಸರು **d)** ಜೇಡರದ್ದಾಸಿಮಯ್ಯ	**1**	**3**	**L1**
22.	_____ ಕಾಸಿಗೊಂದು ಕುಡುಕಿಯ ಮಾರಿ. **a)**ಮೂರು **b)** ಎರಡು **c)** ಆರು **d)** ನೂರು	**1**	**3**	**L1**
23.	_____ಸುತ್ತನು ತಿರುಗಿ ಗಡಗಿ ತಯಾರು ಮಾಡುವಾಕಿ. **a)** ಅರವತ್ತು **b)** ಇನ್ನೂರರವತ್ತು **c)** ಮುನ್ನೂರರವತ್ತು **d)** ಐನೂರು	**1**	**3**	**L1**
24.	"ವಸುಧೆ" ಪದದ ಅರ್ಥ _____**?** **a)** ಆಕಾಶ **b)** ನಕ್ಷತ್ರ **c)** ಭೂಮಿ **d)** ವಾಯು	**1**	**3**	**L1**
25.	"ಬ್ರಹ್ಮಾಂಡ" ಪದದ ಸಮಾನಾರ್ಥಕ ಪದ _____ **a)** ಭೂಮಿ **b)** ನಕ್ಷತ್ರ **c)** ಆಕಾಶ **d)** ನೆಲ	**1**	**4**	**L1**
26.	"ಯಾಕೆ ಬಡಿದಾಡ್ತಿ ತಮ್ಮ' ಎಂಬುದು_____ **a)**ನಾಡ ಗೀತೆ **b)**ಜನಪದ ಗೀತೆ **c)**ವಚನ **d)**ಕೀರ್ತನೆ	**1**	**4**	**L1**
27.	ಸತ್ತಾಗ ಬರುವರು ತಮ್ಮ___ ತನಕ. **a)**ಗುಳಿ **b)**ಮನೆ **c)**ಎಲ್ಲಿ **d)**ತುದಿ.	**1**	**4**	**L1**
28.	ನಿನ್ನ _____ ಕುಣಿಕೆ ಬೀಳೋ ತನಕ. **a)**ಕಾಲಿಗೆ **b)**ತಲೆಗೆ **c)**ಕೈಗೆ **d)**ಕೊರಳಿಗೆ	**1**	**4**	**L1**
29.	ಯಾಕೆ ಬಡಿದಾಡ್ತಿ _____? **a)**ತಮ್ಮ **b)**ಅಣ್ಣ **c)**ಅಕ್ಕ **d)**ತಂಗಿ	**1**	**4**	**L1**
30.	ಅಣ್ಣ ತಮ್ಮ ಅಕ್ಕ ತಂಗಿ ಎಲ್ಲಿ ತನಕ ? **a)**ಬದುಕಿ ಬೆಳೆಯೋ ತನಕ. **b)**ಸತ್ತು ಮಣ್ಣು ಸೇರುವ ತನಕ. **c)**ಹುಟ್ಟಿನಿಂದ ಕೊನೆತನಕ **.d)**ಯಾವುದು ಅಲ್ಲ.	**1**	**4**	**L1**

31.	ಡಾ. ಸರ್.ಎಂ.ವಿಶ್ವೇಶ್ವರಯ್ಯನವರು_____ಯಿಲ್ಲದೆ ಯಾವುದೇ ಕೆಲಸಕ್ಕಾಗಿ ಕೈ ಹಾಕುತ್ತಿರಲಿಲ್ಲ. **a)** ಪೂರ್ವಸಿದ್ಧತೆ **b)**ಪೂಜೆ **c)**ಪುಸ್ತಕ **d)** ವಸ್ತ್ರ	**1**	**4**	**L1**
32.	ಡಾ.ಸರ್.ಎಂ.ವಿಶ್ವೇಶ್ವರಯ್ಯನವರು ಮೇಷ್ಟ್ರನ್ನು ಕರೆದು ಎಷ್ಟು ರೂಪಾಯಿಯನ್ನು ಅವರ ಕೈಯಲ್ಲಿಟ್ಟರು? a)೧೦ ರೂಪಾಯಿ b) ೨೫ ರೂಪಾಯಿ c) ೧೦ ಪೈಸೆ d) ೫ ರೂಪಾಯಿ	**1**	**4**	**L1**
33.	ಡಾ.ಸರ್.ಎಂ.ವಿಶ್ವೇಶ್ವರಯ್ಯನವರು ಡಾಕ್ಟರ್ ಗೆ ಎಷ್ಟು ರೂಪಾಯಿನ ಚೆಕ್ಕು ಕಳುಹಿಸಿದರು ? a**)** ಎಪ್ಪತ್ತೈದು **b)** ಎಪ್ಪತ್ತು **c)** ನೂರು **d)** ಒಂದು ಲಕ್ಷ	**1**	**4**	**L1**
34.	ಡಾ.ಸರ್.ಎಂ.ವಿಶ್ವೇಶ್ವರಯ್ಯನವರು ಹುಟ್ಟಿದ ಊರು ಯಾವುದು? a) ಮೈಸೂರು **b)** ಮುದ್ದೇನಹಳ್ಳಿ c). ಮುಳಬಾಗಿಲು d). ಮಂಡ್ಯ	**1**	**4**	**L1**
35.	ಕಬ್ಬಿಣ ಮತ್ತು ಉಕ್ಕಿನ ಕಾರ್ಖಾನೆಯನ್ನು ವಿಶ್ವೇಶ್ವರಯ್ಯನವರು ಎಲ್ಲಿ ಸ್ಥಾಪಿಸಿದರು**?** a)ಶಿವಮೊಗ್ಗ b) ಮೈಸೂರು c) ಭದ್ರಾವತಿ d) ಬೆಳಗಾವಿ	**1**	**4**	**L1**
36.	ಬೋನಸ್ ಷೇರು _____ರೂಪದಲ್ಲಿ ವರ್ಗಾಯಿಸಬಹುದು **a)**ಮುಖಬೆಲೆ **b)** ಸೆಬಿ **c)** ಡಿಕ್ಲೈನ್ **d)** ಹಣದ	**1**	**1**	**L1**
37.	ಬಾಂಬೆ ಸ್ಟಾಕ್ ಎಕ್ಸ್‌ಚೆಂಜ್ ನ ಸ್ಟಾಕ್ ಸೂಚ್ಯಂಕ ಯಾವುದು? **a)**ನಿಫ್ಟಿ **b)** ಐಪಿಒ **c)** ಬಿಎಸ್‌ಇ **d)** ಸೆನ್ಸೆಕ್ಸ್	**1**	**4**	**L1**
38.	ಷೇರು ಮಾರುಕಟ್ಟೆಯಲೆಲ್ಲಾ_____ಇರುತ್ತಾರೆ. **a)**ಕೊಳ್ಳುವವರು **b)** ಕಂಪನಿಗಳವರು **c)** ದಲ್ಲಾಲಿಗಳು **d)** ಎಲ್ಲರೂ		**4**	**L1**
39.	ಸ್ಟಾಕ್ ಮಾರ್ಕೆಟ್‌ನಲ್ಲಿ ಸೂಚ್ಯಂಕ ಏರಿಕೆಯನ್ನು ಯಾವುದಕ್ಕೆ ಹೋಲಿಸಿದೆ? **a)** ಐಪಿಒ **b)** ಗೂಳಿ **c)** ಕರಡಿ **d)** ಮುಖಬೆಲೆ	**1**	**4**	**L1**
40.	ರೇಖಾಳ ಗಂಡನ ಹೆಸರೇನು ? **a)** ಹೇಮಂತ **b)** ಪ್ರಹ್ಲಾದ **c)** ಕುಮಾರ **d)** ರೋಹಿತ	**1**	**4**	**L1**
41.	"ಯುಗಾದಿ" ಎಂಬ ಕಥೆ ಬರೆದವರು ಯಾರು ? **a)** ಡಿ ವಿ ಜಿ **b)** ದ.ರಾ. ಬೇಂದ್ರೆ C)ಕುವೆಂಪು d)ವಸುದೇಂದ್ರ	**1**	**4**	**L1**
42.	ಗೋಪಣ್ಣ ಮಾಸ್ತರರು ತನ್ನ ಹೆಂಡತಿಯನ್ನು ಪ್ರೀತಿಯಿಂದ ಏನೆಂದು ಕರೆಯುತಿದ್ದರು ? **a)**ರೇಖಾ **b)** ರಾಧಾ **c)** ರುಕ್ಕು **d)** ಚಾಂದಿನಿ	**1**	**4**	**L1**
43.	“ಗಿಡ್ಡ ಪುಟಾಣಿ ಮಕ್ಕಳ ರಾಣಿ” ಎಂದು ಗೋಪಣ್ಣ ಮಾಸ್ತರರು ಯಾರನ್ನ ಕರೆಯುತ್ತಿದ್ದರು. **a)**ರೇಖಾ **b)**ರುಕ್ಮಿಣಮ್ಮ **c)** ಲಕ್ಷ್ಮಿ **d)** ರಾಧ	**1**	**4**	**L1**
44.	ಪ್ರಹ್ಲಾದನನ್ನು ಎಲ್ಲಿಗೆ ಕರೆದುಕೊಂಡು ಹೋಗಿ ಬಂದ ಮೇಲೆ ಮಾತು ಬಂದಿತ್ತು. **a)**ದೇವಸ್ಥಾನ **b)** ಆಸ್ಪತ್ರೆ **c)** ಬಸದಿ **d)** ದರ್ಗಾ	**1**	**4**	**L1**
45.	"ಸೋಲೆಂಬುದು ಅಲ್ಪವಿರಾಮ" ಈ ಲೇಖನವನ್ನು ಬರೆದವರು ಯಾರು **?** **a)**ನೇಮಿಚಂದ್ರ **b)** ಎ ಎನ್ ಮೂರ್ತಿರಾವ್ **c)** ಋಷಿ **d)** ಜಿ ವೆಂಕಟಸುಬ್ಬಯ್ಯ	**1**	**4**	**L1**
46.	ತಾಳಿದವನು _____ **a)** ಆಳುವವನು **b)**ಓಡುವವನು **c)**ನೋಡುವವನು **d)**ಬಾಳಿಯಾನು	**1**	**4**	**L1**
47.	ಜ್ಯೋತಿ ಅವರ ಶಾಲೆಯಲ್ಲಿದ್ದ ಹಿಂದಿ ಟೀಚರ್ ನ ಹೆಸರೇನು **a)**ಲತಾ **b)** ಮಹೇಶ್ವರಿ **c)** ರಾಜೇಶ್ವರಿ **d)** ಸುಪ್ರಿಯಾ	**1**	**4**	**L1**
48.	‘ರಾಜಿ” ಆತ್ಮಹತ್ಯೆ ಮಾಡಿಕೊಳ್ಳಲು ಕಾರಣ ಯಾರು ? **a)**ಉಮೇಶ್ **b)** ಪಾಂಡೆ **c)** ರಾಜಿಯ ತಾಯಿ **d)** ಪ್ರಹ್ಲಾದ	**1**	**4**	**L1**
49.	ಕವಿಯ ಪ್ರಕಾರ _____ ಅಲ್ಪವಿರಾಮ. **a)**ಸೋಲೆಂಬುದು **b)** ಸೋಲಿಸುವುದು **c)** ಸಾಯುವುದು **d)** ಗೆಲ್ಲುವುದು	**1**	**4**	**L1**
50.	“ಸ್ನೇಹ” ತನ್ನ ಗೆಳೆಯರ ಆಹಾರದಲ್ಲಿ ____ ಹಾಕಿ ಸಾಯಿಸಿದಳು **a)**ಮಾತ್ರೆ **b)**ಹಾವಿನ ವಿಷ **c)**ಇಲಿ ಪಾಷಾಣ **d) a)** ಮತ್ತು **b)**	**1**	**4**	**L1**

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Version: B

SJC INSTITUTE OF TECHNOLOGY

(An Autonomous Institute under VTU, Belagavi)

FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**SAAMSKRUTHIKA KANNADA**		
Course Code:	**BSKA107**	**Branches: ISE, AIML, ECE & CV**	
Max Marks:	**50**	**Duration:**	**1 Hour**

INSTRUCTIONS TO THE CANDIDATES

1. Use only **Black ball point pen** for writing/ darkening the circle
2. Answer all the **fifty** questions, each question carries one mark.
3. For each question, after selecting your answer, darken the appropriate circle corresponding to the same question number on the **OMR** sheet.
4. Darkening two circles for the same question makes the answer invalid.

Q. NO.	Questions	Marks	CO	RBTL
1.	ಜನರಾಡುವ ಭಾಷೆ ಆಡಳಿತ ಭಾಷೆಯಾದಗ ಆಡಳಿತವು _____ಆಗಿರುತ್ತದೆ. a) ಅಸ್ಪಷ್ಟತೆ b) ಗೊಂದಲ c) ಪಾರದರ್ಶಕ d) ಅನುಕೂಲರಹಿತ	1	1	L1
2.	ಕನ್ನಡ ಲಿಪಿಯನ್ನ " ಲಿಪಿಗಳ ರಾಣಿ" ಎಂದು ಕರೆದವರು ಯಾರು? a) ಕುವೆಂಪು b) ಮಾಸ್ತಿ c) ಗೋವಿಂದಪೈ d) ವಿನೋಬಾ ಭಾವೆ	1	1	L1
3.	ಕನ್ನಡ ಭಾಷೆಯನ್ನು ಸು. _____ ಜನರು ಆಡುನುಡಿಯಾಗಿ ಬಳಸುತ್ತಾರೆ? **a) ಸು. 60 ದಶಲಕ್ಷ b) ಸು. 50 ದಶಲಕ್ಷ c) ಸು. 40 ದಶಲಕ್ಷ d) ಸು. 80 ದಶಲಕ್ಷ**	1	1	L1
4.	ಆಡಳಿತ ಭಾಷೆ ಯಾವಾಗಲೂ____ ಇರಬೇಕು. **a) ಕಷ್ಟಕರವಾಗಿ b) ಅರ್ಥವಾಗದಂತೆ c) ಗೊಂದಲದಿಂದ d) ಸರಳ ಮತ್ತು ಸ್ಪಷ್ಟವಾಗಿ**	1	1	L1
5.	ನಮ್ಮ ರಾಜ್ಯದಲ್ಲಿ _____ಭಾಷಾ ಸೂತ್ರ ಬಳಕೆಯಲ್ಲಿದೆ. **a)ದ್ವಿ b)ಏಕ c)ತ್ರಿ d)ಚತುರ್**	1	1	L1
6.	_____ಘನ ವಜ್ರ ಕಿರಿದೆನ್ನಬಹುದೆ ಬಾರದಯ್ಯಾ. **a) ಜ್ಯೋತಿ b) ನೆನಪು c)ಮರೆವು d)ಗಿರಿ**	1	2	L1
7.	_____ ಕಣ್ಣ ಕಾಣಲರಿಯದೆ ರವಿಯ ಬಯ್ವುದು ಎಂದು ಅಕ್ಕಮಹಾದೇವಿ ಹೇಳಿದ್ದಾರೆ. **a)ಕಾಗೆ b) ಗೂಗೆ c) ಸಿಂಹ d) ಚಿರತೆ**	1	2	L1
8.	ಜೇಡರ ದಾಸಿಮಯ್ಯನವರ ಕಾಯಕ ಯಾವುದು? **a)ಅಕ್ಕಿ ಆಯುವುದು b))ವ್ಯವಸಾಯ c) ನೆಯ್ಗೆ d)ಯಾವುದು ಅಲ್ಲ**	1	2	L1
9.	ನವಿಲಿಗೆ ಚಿತ್ರ ಬರೆದವರು ಯಾರು ? **a)ಭಗವಂತ b)ಪ್ರಾಣಿ** c)ಪಕ್ಷಿ **d)ಮನುಷ್ಯ.**	1	3	L1
10.	ಕನಕದಾಸರ ಅಂಕಿತನಾಮ ಯಾವುದು **?** **a) ಕಾಗಿನೆಲೆಯಾದಿಕೇಶವರಾಯ b)**ಕೂಡಲಸಂಗಮದೇವ **c)**ಚೆನ್ನ ಮಲ್ಲಿಕಾರ್ಜುನ **d)**ಗುಹೇಶ್ವರ	1	3	L1

11.	“ಸಾವಿರ ಕೊಡಗಳ ಸುಟ್ಟು” ಎಂಬ ತತ್ವಪದವನ್ನು ಬರೆದವರು ಯಾರು ? a)ಬಸವಣ್ಣ b) ಶಿಶುನಾಳ ಶರೀಫ c) ಕನಕದಾಸರು d) ಜೇಡರದ್ದಾಸಿಮಯ್ಯ	1	3	L1
12.	_____ ಕಾಸಿಗೊಂದು ಕುಡುಕಿಯ ಮಾರಿ. a)ಮೂರು b) ಎರಡು c) ಆರು d) ನೂರು	1	3	L1
13.	_____ಸುತ್ತನು ತಿರುಗಿ ಗಡಗಿ ತಯಾರು ಮಾಡುವಾಕಿ. a) ಅರವತ್ತು b) ಇನ್ನೂರರವತ್ತು c) ಮುನ್ನೂರರವತ್ತು d) ಐನೂರು	1	3	L1
14.	“ವಸುಧೆ” ಪದದ ಅರ್ಥ _____? a) ಆಕಾಶ b) ನಕ್ಷತ್ರ c) ಭೂಮಿ d) ವಾಯು	1	3	L1
15.	“ಬ್ರಹ್ಮಾಂಡ” ಪದದ ಸಮಾನಾರ್ಥಕ ಪದ _____ a) ಭೂಮಿ b) ನಕ್ಷತ್ರ c) ಆಕಾಶ d) ನೆಲ	1	4	L1
16.	“ಯಾಕೆ ಬಡಿದಾಡ್ತಿ ತಮ್ಮ’ ಎಂಬುದು_____ a)ನಾಡ ಗೀತೆ b)ಜನಪದ ಗೀತೆ c)ವಚನ d)ಕೀರ್ತನೆ	1	4	L1
17.	ಸತ್ತಾಗ ಬರುವರು ತಮ್ಮ ___ ತನಕ. a)ಗುಳಿ b)ಮನೆ c)ಎಲ್ಲಿ d)ತುದಿ.	1	4	L1
18.	ನಿನ್ನ _____ ಕುಣಿಕೆ ಬೀಳೋ ತನಕ. a)ಕಾಲಿಗೆ b)ತಲೆಗೆ c)ಕೈಗೆ d)ಕೊರಳಿಗೆ	1	4	L1
19.	ಯಾಕೆ ಬಡಿದಾಡ್ತಿ _____? a)ತಮ್ಮ b)ಅಣ್ಣ c)ಅಕ್ಕ d)ತಂಗಿ	1	4	L1
20.	ಅಣ್ಣ ತಮ್ಮ ಅಕ್ಕ ತಂಗಿ ಎಲ್ಲಿ ತನಕ ? a)ಬದುಕಿ ಬೆಳೆಯೋ ತನಕ. b)ಸತ್ತು ಮಣ್ಣು ಸೇರುವ ತನಕ. c)ಹುಟ್ಟಿನಿಂದ ಕೊನೆತನಕ .d)ಯಾವುದು ಅಲ್ಲ.	1	4	L1
21.	ಡಾ. ಸರ್.ಎಂ.ವಿಶ್ವೇಶ್ವರಯ್ಯನವರು_____ಯಿಲ್ಲದೆ ಯಾವುದೇ ಕೆಲಸಕ್ಕಾಗಿ ಕೈ ಹಾಕುತ್ತಿರಲಿಲ್ಲ. a) ಪೂರ್ವಸಿದ್ಧತೆ b)ಪೂಜೆ c)ಪುಸ್ತಕ d) ವಸ್ತ್ರ	1	4	L1
22.	ಡಾ.ಸರ್.ಎಂ.ವಿಶ್ವೇಶ್ವರಯ್ಯನವರು ಮೇಷ್ಟ್ರನ್ನು ಕರೆದು ಎಷ್ಟು ರೂಪಾಯಿಯನ್ನು ಅವರ ಕೈಯಲ್ಲಿಟ್ಟರು? a)೧೦ ರೂಪಾಯಿ b) ೨೫ ರೂಪಾಯಿ c) ೧೦ ಪೈಸೆ d) ೫ ರೂಪಾಯಿ	1	4	L1
23.	ಡಾ.ಸರ್.ಎಂ.ವಿಶ್ವೇಶ್ವರಯ್ಯನವರು ಡಾಕ್ಟರ್ ಗೆ ಎಷ್ಟು ರೂಪಾಯಿನ ಚೆಕ್ಕು ಕಳುಹಿಸಿದರು ? a) ಎಪ್ಪತ್ತೈದು b) ಎಪ್ಪತ್ತು c) ನೂರು d) ಒಂದು ಲಕ್ಷ	1	4	L1
24.	ಡಾ.ಸರ್.ಎಂ.ವಿಶ್ವೇಶ್ವರಯ್ಯನವರು ಹುಟ್ಟಿದ ಊರು ಯಾವುದು? a) ಮೈಸೂರು b) ಮುದ್ದೇನಹಳ್ಳಿ c). ಮುಳಬಾಗಿಲು d). ಮಂಡ್ಯ	1	4	L1
25.	ಕಬ್ಬಿಣ ಮತ್ತು ಉಕ್ಕಿನ ಕಾರ್ಖಾನೆಯನ್ನು ವಿಶ್ವೇಶ್ವರಯ್ಯನವರು ಎಲ್ಲಿ ಸ್ಥಾಪಿಸಿದರು? a)ಶಿವಮೊಗ್ಗ b) ಮೈಸೂರು c) ಭದ್ರಾವತಿ d) ಬೆಳಗಾವಿ	1	4	L1
26.	ಬೋನಸ್ ಷೇರು _____ರೂಪದಲ್ಲಿ ವರ್ಗಾಯಿಸಬಹುದು a)ಮುಖಬೆಲೆ b) ಸೆಬಿ c) ಡಿಕ್ಲೈನ್ d) ಹಣದ	1	1	L1
27.	ಬಾಂಬೆ ಸ್ಟಾಕ್ ಎಕ್ಸ್‌ಚೆಂಜ್ ನ ಸ್ಟಾಕ್ ಸೂಚ್ಯಂಕ ಯಾವುದು? a)ನಿಫ್ಟಿ b) ಐಪಿಒ c) ಬಿಎಸ್‌ಇ d) ಸೆನ್ಸೆಕ್ಸ್	1	4	L1
28.	ಷೇರು ಮಾರುಕಟ್ಟೆಯಲೆಲ್ಲಾ_____ಇರುತ್ತಾರೆ. a)ಕೊಳ್ಳುವವರು b) ಕಂಪನಿಗಳವರು c) ದಲ್ಲಾಲಿಗಳು d) ಎಲ್ಲರೂ	1	4	L1
29.	ಸ್ಟಾಕ್ ಮಾರ್ಕೆಟ್‌ನಲ್ಲಿ ಸೂಚ್ಯಂಕ ಏರಿಕೆಯನ್ನು ಯಾವುದಕ್ಕೆ ಹೋಲಿಸಿದೆ? a) ಐಪಿಒ b) ಗೂಳಿ c) ಕರಡಿ d) ಮುಖಬೆಲೆ	1	4	L1
30.	ರೇಖಾಳ ಗಂಡನ ಹೆಸರೇನು ? a) ಹೇಮಂತ b) ಪ್ರಹ್ಲಾದ c) ಕುಮಾರ d) ರೋಹಿತ	1	4	L1

31.	"ಯುಗಾದಿ" ಎಂಬ ಕಥೆ ಬರೆದವರು ಯಾರು ? a) ಡಿ ವಿ ಜಿ b) ದ.ರಾ. ಬೇಂದ್ರೆ C)ಕುವೆಂಪು d)ವಸುದೇಂದ್ರ	1	4	L1
32.	ಗೋಪಣ್ಣ ಮಾಸ್ತರರು ತನ್ನ ಹೆಂಡತಿಯನ್ನು ಪ್ರೀತಿಯಿಂದ ಏನೆಂದು ಕರೆಯುತಿದ್ದರು ? a)ರೇಖಾ b) ರಾಧಾ c) ರುಕ್ಕು d) ಚಾಂದಿನಿ	1	4	L1
33.	"ಗಿಡ್ಡ ಪುಟಾಣಿ ಮಕ್ಕಳ ರಾಣಿ" ಎಂದು ಗೋಪಣ್ಣ ಮಾಸ್ತರರು ಯಾರನ್ನ ಕರೆಯುತ್ತಿದ್ದರು. a)ರೇಖಾ b)ರುಕ್ಮಿಣಮ್ಮ c) ಲಕ್ಷ್ಮಿ d) ರಾಧ	1	4	L1
34.	ಪ್ರಹ್ಲಾದನನ್ನು ಎಲ್ಲಿಗೆ ಕರೆದುಕೊಂಡು ಹೋಗಿ ಬಂದ ಮೇಲೆ ಮಾತು ಬಂದಿತ್ತು. a)ದೇವಸ್ಥಾನ b) ಆಸ್ಪತ್ರೆ c) ಬಸದಿ d) ದರ್ಗಾ	1	4	L1
35.	"ಸೋಲೆಂಬುದು ಅಲ್ಪವಿರಾಮ" ಈ ಲೇಖನವನ್ನು ಬರೆದವರು ಯಾರು ? a)ನೇಮಿಚಂದ್ರ b) ಎ ಎನ್ ಮೂರ್ತಿರಾವ್ c) ಋಷಿ d) ಜಿ ವೆಂಕಟಸುಬ್ಬಯ್ಯ	1	4	L1
36.	ತಾಳಿದವನು _____ a) ಆಳುವವನು b)ಓಡುವವನು c)ನೋಡುವವನು d)ಬಾಳಿಯಾನು	1	4	L1
37.	ಜ್ಯೋತಿ ಅವರ ಶಾಲೆಯಲ್ಲಿದ್ದ ಹಿಂದಿ ಟೀಚರ್ ನ ಹೆಸರೇನು a)ಲತಾ b) ಮಹೇಶ್ವರಿ c) ರಾಜೇಶ್ವರಿ d) ಸುಪ್ರಿಯಾ	1	4	L1
38.	'ರಾಜಿ" ಆತ್ಮಹತ್ಯೆ ಮಾಡಿಕೊಳ್ಳಲು ಕಾರಣ ಯಾರು ? a)ಉಮೇಶ್ b) ಪಾಂಡೆ c) ರಾಜಿಯ ತಾಯಿ d) ಪ್ರಹ್ಲಾದ	1	4	L1
39.	ಕವಿಯ ಪ್ರಕಾರ _____ ಅಲ್ಪವಿರಾಮ. a)ಸೋಲೆಂಬುದು b) ಸೋಲಿಸುವುದು c) ಸಾಯುವುದು d) ಗೆಲ್ಲುವುದು	1	4	L1
40.	"ಸ್ನೇಹ" ತನ್ನ ಗೆಳೆಯರ ಆಹಾರದಲ್ಲಿ ____ ಹಾಕಿ ಸಾಯಿಸಿದಳು a)ಮಾತ್ರೆ b)ಹಾವಿನ ವಿಷ c)ಇಲಿ ಪಾಷಾಣ d) a) ಮತ್ತು b)	1	4	L1
41.	ಗಂಗರ ರಾಜಧಾನಿ ಯಾವುದು ? a)ಮೈಸೂರು b) ಕಲಬುರಗಿ c) ತಲಕಾಡು d) ಹುಬ್ಬಳ್ಳಿ	1	1	L1
42.	ಕರ್ನಾಟಕದ ಸಂಕ್ಷಿಪ್ತ ಇತಿಹಾಸ ಮತ್ತು ಸಾಹಿತ್ಯದ ಬೆಳವಣಿಗೆ ಈ ಲೇಖನ ಬರೆದವರು ಯಾರು ? a)ಹಂಪ ನಾಗರಾಜಯ್ಯ b) ಜಿ ವೆಂಕಟಸುಬ್ಬಯ್ಯ c) ಶಿಶುನಾಳ ಶರೀಫ d) ಪ್ರೊ ಎಲ್ ತಿಮ್ಮೇಶ್	1	1	L1
43.	"ಕರ್ನಾಟಕ" ರಾಜ್ಯವೆಂದು ನಾಮಕರಣವಾದ ವರ್ಷ ಯಾವುದು ? a) 1972 b) 1973 c) 1974 d) 2020	1	1	L1
44.	ಕರ್ನಾಟಕದ ರಾಜ್ಯದ ಮೊದಲ ಹೆಸರು ? a)ಮಂಡ್ಯ b) ಬಳ್ಳಾರಿ c) ಕೊಡಗು d) ಮೈಸೂರು	1	1	L1
45.	ವಿಜಯನಗರ ಸಾಮ್ರಾಜ್ಯವನ್ನು _____ ನದಿ ತೀರದಲ್ಲಿ ಸ್ಥಾಪಿಸಿದರು. a) ಕಾವೇರಿ b) ತುಂಗಾ c) ಯಮುನಾ d) ಗಂಗಾ	1	1	L1
46.	ಬೀದರ್ ನಗರದಲ್ಲಿ ನಡೆದ ಕನ್ನಡ ಸಾಹಿತ್ಯ ಸಮ್ಮೇಳನದ ಅಧ್ಯಕ್ಷರಾಗಿದ್ದವರು ಯಾರು? a).ಹಂಪ ನಾಗರಾಜಯ್ಯ b). ಶಿವರಾಮ ಕಾರಂತ್ c). ಗೋಪಾಲಕೃಷ್ಣ d).ಡಿ.ಎಲ್ ನರಸಿಂಹಚಾರ್ಯರು	1	1	L1
47.	ಕರ್ನಾಟಕ ಏಕೀಕರಣ: ಒಂದು ಅಪೂರ್ವ ಚರಿತ್ರೆ, ಈ ಲೇಖನ ಬರೆದವರು ಯಾರು? a) ಹಂಪ ನಾಗರಾಜಯ್ಯ b)ಮಾಸ್ತಿ ವೆಂಕಟೇಶ c)ಜಿ ವೆಂಕಟಸುಬ್ಬಯ್ಯ d)ಶ್ರೀರಂಗರು	1	1	L1
48.	ವಿದ್ಯಾವರ್ಧಕ ಸಂಘವು_____ನಲ್ಲಿ ಸ್ಥಾಪನೆಯಾಯಿತು. a)1880 b)1890 c)1895 d)1885	1	1	L1
49.	ರಾಯಚೂರಿನಲ್ಲಿ ನಡೆದ ಕನ್ನಡ ಸಾಹಿತ್ಯ ಪರಿಷತ್ತಿನ ಸಮ್ಮೇಳನದ ಅಧ್ಯಕ್ಷರು ಯಾರು? a)ಶ್ರೀರಂಗರು b)ಮಾಸ್ತಿ c)ಶಿವರಾಮ ಕಾರಂತ್ d)ಗೋಪಾಲಕೃಷ್ಣ	1	1	L1
50.	1800 ರಲ್ಲಿ ಬಳ್ಳಾರಿ ಜಿಲ್ಲೆಯ ಕಲೆಕ್ಟರ್ ಆಗಿದ್ದವರು ಯಾರು? a) ಸರ್ ಥಾಮಸ್ ಮನ್ರೋ b) ಮಾಸ್ತಿ c) ಆಲೂರು ವೆಂಕಟರಾಯ d) ಬೇಂದ್ರೆ	1	1	L1

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Version: C

SJC INSTITUTE OF TECHNOLOGY

(An Autonomous Institute under VTU, Belagavi)

FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**SAAMSKRUTHIKA KANNADA**		
Course Code:	**BSKA107**	**Branches: ISE, AIML, ECE & CV**	
Max Marks:	**50**	**Duration:**	**1 Hour**

INSTRUCTIONS TO THE CANDIDATES

1. Use only **Black ball point pen** for writing/ darkening the circle
2. Answer all the **fifty** questions, each question carries one mark.
3. For each question, after selecting your answer, darken the appropriate circle corresponding to the same question number on the **OMR** sheet.
4. Darkening two circles for the same question makes the answer invalid.

Q. NO.	Questions	Marks	CO	RBTL
1.	"ಸಾವಿರ ಕೊಡಗಳ ಸುಟ್ಟು" ಎಂಬ ತತ್ಪದವನ್ನು ಬರೆದವರು ಯಾರು ? a)ಬಸವಣ್ಣ b) ಶಿಶುನಾಳ ಶರೀಫ c) ಕನಕದಾಸರು d) ಜೇಡರದ್ದಾಸಿಮಯ್ಯ	1	3	L1
2.	_____ ಕಾಸಿಗೊಂದು ಕುಡುಕಿಯ ಮಾರಿ. a)ಮೂರು b) ಎರಡು c) ಆರು d) ನೂರು	1	3	L1
3.	_____ಸುತ್ತನು ತಿರುಗಿ ಗಡಗಿ ತಯಾರು ಮಾಡುವಾಕಿ. a) ಅರವತ್ತು b) ಇನ್ನೂರರವತ್ತು c) ಮುನ್ನೂರರವತ್ತು d) ಐನೂರು	1	3	L1
4.	"ವಸುಧೆ" ಪದದ ಅರ್ಥ _____? a) ಆಕಾಶ b) ನಕ್ಷತ್ರ c) ಭೂಮಿ d) ವಾಯು	1	3	L1
5.	"ಬ್ರಹ್ಮಾಂಡ" ಪದದ ಸಮಾನಾರ್ಥಕ ಪದ _____ a) ಭೂಮಿ b) ನಕ್ಷತ್ರ c) ಆಕಾಶ d) ನೆಲ	1	4	L1
6.	"ಯಾಕೆ ಬಡಿದಾಡ್ತಿ ತಮ್ಮ' ಎಂಬುದು_____ a)ನಾಡ ಗೀತೆ b)ಜನಪದ ಗೀತೆ c)ವಚನ d)ಕೀರ್ತನೆ	1	4	L1
7.	ಸತ್ತಾಗ ಬರುವರು ತಮ್ಮ___ ತನಕ. a)ಗುಳಿ b)ಮನೆ c)ಎಲ್ಲಿ d)ತುದಿ.	1	4	L1
8.	ನಿನ್ನ _____ ಕುಣಿಕೆ ಬೀಳೋ ತನಕ. a)ಕಾಲಿಗೆ b)ತಲೆಗೆ c)ಕೈಗೆ d)ಕೊರಳಿಗೆ	1	4	L1
9.	ಯಾಕೆ ಬಡಿದಾಡ್ತಿ _____? a)ತಮ್ಮ b)ಅಣ್ಣ c)ಅಕ್ಕ d)ತಂಗಿ	1	4	L1
10.	ಅಣ್ಣ ತಮ್ಮ ಅಕ್ಕ ತಂಗಿ ಎಲ್ಲಿ ತನಕ ? a)ಬದುಕಿ ಬೆಳೆಯೋ ತನಕ. b)ಸತ್ತು ಮಣ್ಣು ಸೇರುವ ತನಕ. c)ಹುಟ್ಟಿನಿಂದ ಕೊನೆತನಕ .d)ಯಾವುದು ಅಲ್ಲ.	1	4	L1
11.	ಡಾ. ಸರ್.ಎಂ.ವಿಶ್ವೇಶ್ವರಯ್ಯನವರು_____ಯಿಲ್ಲದೆ ಯಾವುದೇ ಕೆಲಸಕ್ಕಾಗಿ ಕೈ ಹಾಕುತ್ತಿರಲಿಲ್ಲ. a) ಪೂರ್ವಸಿದ್ಧತೆ b)ಪೂಜೆ c)ಪುಸ್ತಕ d) ವಸ್ತ್ರ	1	4	L1

12.	ಡಾ.ಸರ್.ಎಂ.ವಿಶ್ವೇಶ್ವರಯ್ಯನವರು ಮೇಷ್ಟ್ರನ್ನು ಕರೆದು ಎಷ್ಟು ರೂಪಾಯಿಯನ್ನು ಅವರ ಕೈಯಲ್ಲಿಟ್ಟರು? a)೧೦ ರೂಪಾಯಿ b) ೨೫ ರೂಪಾಯಿ c) ೧೦ ಪೈಸೆ d) ೫ ರೂಪಾಯಿ	1	4	L1
13.	ಡಾ.ಸರ್.ಎಂ.ವಿಶ್ವೇಶ್ವರಯ್ಯನವರು ಡಾಕ್ಟರ್ ಗೆ ಎಷ್ಟು ರೂಪಾಯಿನ ಚೆಕ್ಕು ಕಳುಹಿಸಿದರು ? a) ಎಪ್ಪತ್ತೈದು **b)** ಎಪ್ಪತ್ತು **c)** ನೂರು **d)** ಒಂದು ಲಕ್ಷ	1	4	L1
14.	ಡಾ.ಸರ್.ಎಂ.ವಿಶ್ವೇಶ್ವರಯ್ಯನವರು ಹುಟ್ಟಿದ ಊರು ಯಾವುದು? a) ಮೈಸೂರು b) ಮುದ್ದೇನಹಳ್ಳಿ c). ಮುಳಬಾಗಿಲು d). ಮಂಡ್ಯ	1	4	L1
15.	ಕಬ್ಬಿಣ ಮತ್ತು ಉಕ್ಕಿನ ಕಾರ್ಖಾನೆಯನ್ನು ವಿಶ್ವೇಶ್ವರಯ್ಯನವರು ಎಲ್ಲಿ ಸ್ಥಾಪಿಸಿದರು**?** a)ಶಿವಮೊಗ್ಗ b) ಮೈಸೂರು c) ಭದ್ರಾವತಿ d) ಬೆಳಗಾವಿ	1	4	L1
16.	ಬೋನಸ್ ಷೇರು _____ರೂಪದಲ್ಲಿ ವರ್ಗಾಯಿಸಬಹುದು **a)**ಮುಖಬೆಲೆ **b)** ಸೆಬಿ **c)** ಡಿಕ್ಲೈನ್ **d)** ಹಣದ	1	1	L1
17.	ಬಾಂಬೆ ಸ್ಟಾಕ್ ಎಕ್ಸ್‌ಚೆಂಜ್ ನ ಸ್ಟಾಕ್ ಸೂಚ್ಯಂಕ ಯಾವುದು? **a)**ನಿಫ್ಟಿ **b)** ಐಪಿಒ **c)** ಬಿಎಸ್‌ಇ **d)** ಸೆನ್ಸೆಕ್ಸ್	1	4	L1
18.	ಷೇರು ಮಾರುಕಟ್ಟೆಯಲೆಲ್ಲಾ_____ಇರುತ್ತಾರೆ. **a)**ಕೊಳ್ಳುವವರು **b)** ಕಂಪನಿಗಳವರು **c)** ದಲ್ಲಾಲಿಗಳು **d)** ಎಲ್ಲರೂ	1	4	L1
19.	ಸ್ಟಾಕ್ ಮಾರ್ಕೆಟ್‌ನಲ್ಲಿ ಸೂಚ್ಯಂಕ ಏರಿಕೆಯನ್ನು ಯಾವುದಕ್ಕೆ ಹೋಲಿಸಿದೆ? **a)** ಐಪಿಒ **b)** ಗೂಳಿ **c)** ಕರಡಿ **d)** ಮುಖಬೆಲೆ	1	4	L1
20.	ರೇಖಾಳ ಗಂಡನ ಹೆಸರೇನು ? **a)** ಹೇಮಂತ **b)** ಪ್ರಹ್ಲಾದ **c)** ಕುಮಾರ **d)** ರೋಹಿತ	1	4	L1
21.	"ಯುಗಾದಿ" ಎಂಬ ಕಥೆ ಬರೆದವರು ಯಾರು ? **a)** ಡಿ ವಿ ಜಿ **b)** ದ.ರಾ. ಬೇಂದ್ರೆ C)ಕುವೆಂಪು d)ವಸುದೇಂದ್ರ	1	4	L1
22.	ಗೋಪಣ್ಣ ಮಾಸ್ತರರು ತನ್ನ ಹೆಂಡತಿಯನ್ನು ಪ್ರೀತಿಯಿಂದ ಏನೆಂದು ಕರೆಯುತಿದ್ದರು ? **a)**ರೇಖಾ **b)** ರಾಧಾ **c)** ರುಕ್ಕು **d)** ಚಾಂದಿನಿ	1	4	L1
23.	“ಗಿಡ್ಡ ಪುಟಾಣಿ ಮಕ್ಕಳ ರಾಣಿ” ಎಂದು ಗೋಪಣ್ಣ ಮಾಸ್ತರರು ಯಾರನ್ನ ಕರೆಯುತ್ತಿದ್ದರು. **a)**ರೇಖಾ **b)**ರುಕ್ಮಿಣಮ್ಮ **c)** ಲಕ್ಷ್ಮಿ **d)** ರಾಧ	1	4	L1
24.	ಪ್ರಹ್ಲಾದನನ್ನು ಎಲ್ಲಿಗೆ ಕರೆದುಕೊಂಡು ಹೋಗಿ ಬಂದ ಮೇಲೆ ಮಾತು ಬಂದಿತ್ತು. **a)**ದೇವಸ್ಥಾನ **b)** ಆಸ್ಪತ್ರೆ **c)** ಬಸದಿ **d)** ದರ್ಗಾ	1	4	L1
25.	"ಸೋಲೆಂಬುದು ಅಲ್ಪವಿರಾಮ" ಈ ಲೇಖನವನ್ನು ಬರೆದವರು ಯಾರು **?** **a)**ನೇಮಿಚಂದ್ರ **b)** ಎ ಎನ್ ಮೂರ್ತಿರಾವ್ **c)** ಋಷಿ **d)** ಜಿ ವೆಂಕಟಸುಬ್ಬಯ್ಯ	1	4	L1
26.	ತಾಳಿದವನು _____ **a)** ಆಳುವವನು **b)**ಓಡುವವನು **c)**ನೋಡುವವನು **d)**ಬಾಳಿಯಾನು	1	4	L1
27.	ಜ್ಯೋತಿ ಅವರ ಶಾಲೆಯಲ್ಲಿದ್ದ ಹಿಂದಿ ಟೀಚರ್ ನ ಹೆಸರೇನು **a)**ಲತಾ **b)** ಮಹೇಶ್ವರಿ **c)** ರಾಜೇಶ್ವರಿ **d)** ಸುಪ್ರಿಯಾ	1	4	L1
28.	‘ರಾಜಿ” ಆತ್ಮಹತ್ಯೆ ಮಾಡಿಕೊಳ್ಳಲು ಕಾರಣ ಯಾರು ? **a)**ಉಮೇಶ್ **b)** ಪಾಂಡೆ **c)** ರಾಜಿಯ ತಾಯಿ **d)** ಪ್ರಹ್ಲಾದ	1	4	L1
29.	ಕವಿಯ ಪ್ರಕಾರ _____ ಅಲ್ಪವಿರಾಮ. **a)**ಸೋಲೆಂಬುದು **b)** ಸೋಲಿಸುವುದು **c)** ಸಾಯುವುದು **d)** ಗೆಲ್ಲುವುದು	1	4	L1
30.	“ಸ್ನೇಹ” ತನ್ನ ಗೆಳೆಯರ ಆಹಾರದಲ್ಲಿ ____ ಹಾಕಿ ಸಾಯಿಸಿದಳು **a)**ಮಾತ್ರೆ **b)**ಹಾವಿನ ವಿಷ **c)**ಇಲಿ ಪಾಷಾಣ **d) a)** ಮತ್ತು **b)**	1	4	L1

31.	ಗಂಗರ ರಾಜಧಾನಿ ಯಾವುದು ? a)ಮೈಸೂರು b) ಕಲಬುರಗಿ c) ತಲಕಾಡು d) ಹುಬ್ಬಳ್ಳಿ	1	1	L1
32.	ಕರ್ನಾಟಕದ ಸಂಕ್ಷಿಪ್ತ ಇತಿಹಾಸ ಮತ್ತು ಸಾಹಿತ್ಯದ ಬೆಳವಣಿಗೆ ಈ ಲೇಖನ ಬರೆದವರು ಯಾರು ? a)ಹಂಪ ನಾಗರಾಜಯ್ಯ b) ಜಿ ವೆಂಕಟಸುಬ್ಬಯ್ಯ c) ಶಿಶುನಾಳ ಶರೀಫ d) ಪ್ರೊ ಎಲ್ ತಿಮ್ಮೇಶ್	1	1	L1
33.	"ಕರ್ನಾಟಕ" ರಾಜ್ಯವೆಂದು ನಾಮಕರಣವಾದ ವರ್ಷ ಯಾವುದು ? a) 1972 b) 1973 c) 1974 d) 2020	1	1	L1
34.	ಕರ್ನಾಟಕದ ರಾಜ್ಯದ ಮೊದಲ ಹೆಸರು ? a)ಮಂಡ್ಯ b) ಬಳ್ಳಾರಿ c) ಕೊಡಗು d) ಮೈಸೂರು	1	1	L1
35.	ವಿಜಯನಗರ ಸಾಮ್ರಾಜ್ಯವನ್ನು _____ ನದಿ ತೀರದಲ್ಲಿ ಸ್ಥಾಪಿಸಿದರು. a) ಕಾವೇರಿ b) ತುಂಗಾ c) ಯಮುನಾ d) ಗಂಗಾ	1	1	L1
36.	ಬೀದರ್ ನಗರದಲ್ಲಿ ನಡೆದ ಕನ್ನಡ ಸಾಹಿತ್ಯ ಸಮ್ಮೇಳನದ ಅಧ್ಯಕ್ಷರಾಗಿದ್ದವರು ಯಾರು? a).ಹಂಪ ನಾಗರಾಜಯ್ಯ b). ಶಿವರಾಮ ಕಾರಂತ್ c). ಗೋಪಾಲಕೃಷ್ಣ d).ಡಿ.ಎಲ್ ನರಸಿಂಹಚಾರ್ಯರು	1	1	L1
37.	ಕರ್ನಾಟಕ ಏಕೀಕರಣ: ಒಂದು ಅಪೂರ್ವ ಚರಿತ್ರೆ, ಈ ಲೇಖನ ಬರೆದವರು ಯಾರು? a) ಹಂಪ ನಾಗರಾಜಯ್ಯ b)ಮಾಸ್ತಿ ವೆಂಕಟೇಶ c)ಜಿ ವೆಂಕಟಸುಬ್ಬಯ್ಯ d)ಶ್ರೀರಂಗರು	1	1	L1
38.	ವಿದ್ಯಾವರ್ಧಕ ಸಂಘವು_____ನಲ್ಲಿ ಸ್ಥಾಪನೆಯಾಯಿತು. a)1880 b)1890 c)1895 d)1885	1	1	L1
39.	ರಾಯಚೂರಿನಲ್ಲಿ ನಡೆದ ಕನ್ನಡ ಸಾಹಿತ್ಯ ಪರಿಷತ್ತಿನ ಸಮ್ಮೇಳನದ ಅಧ್ಯಕ್ಷರು ಯಾರು? a)ಶ್ರೀರಂಗರು b)ಮಾಸ್ತಿ c)ಶಿವರಾಮ ಕಾರಂತ್ d)ಗೋಪಾಲಕೃಷ್ಣ	1	1	L1
40.	1800 ರಲ್ಲಿ ಬಳ್ಳಾರಿ ಜಿಲ್ಲೆಯ ಕಲೆಕ್ಟರ್ ಆಗಿದ್ದವರು ಯಾರು? a) ಸರ್ ಥಾಮಸ್ ಮನ್ರೋ b) ಮಾಸ್ತಿ c) ಆಲೂರು ವೆಂಕಟರಾಯ d) ಬೇಂದ್ರೆ	1	1	L1
41.	ಜನರಾಡುವ ಭಾಷೆ ಆಡಳಿತ ಭಾಷೆಯಾದಗ ಆಡಳಿತವು _____ಆಗಿರುತ್ತದೆ. a) ಅಸ್ಪಷ್ಟತೆ b) ಗೊಂದಲ c) ಪಾರದರ್ಶಕ d) ಅನುಕೂಲರಹಿತ	1	1	L1
42.	ಕನ್ನಡ ಲಿಪಿಯನ್ನ " ಲಿಪಿಗಳ ರಾಣಿ" ಎಂದು ಕರೆದವರು ಯಾರು? a) ಕುವೆಂಪು b) ಮಾಸ್ತಿ c) ಗೋವಿಂದಪೈ d) ವಿನೋಬಾ ಭಾವೆ	1	1	L1
43.	ಕನ್ನಡ ಭಾಷೆಯನ್ನು ಸು. _____ ಜನರು ಆಡುನುಡಿಯಾಗಿ ಬಳಸುತ್ತಾರೆ? a) ಸು. 60 ದಶಲಕ್ಷ b) ಸು. 50 ದಶಲಕ್ಷ c) ಸು. 40 ದಶಲಕ್ಷ d) ಸು. 80 ದಶಲಕ್ಷ	1	1	L1
44.	ಆಡಳಿತ ಭಾಷೆ ಯಾವಾಗಲೂ____ ಇರಬೇಕು. a) ಕಷ್ಟಕರವಾಗಿ b) ಅರ್ಥವಾಗದಂತೆ c) ಗೊಂದಲದಿಂದ d) ಸರಳ ಮತ್ತು ಸ್ಪಷ್ಟವಾಗಿ	1	1	L1
45.	ನಮ್ಮ ರಾಜ್ಯದಲ್ಲಿ _____ಭಾಷಾ ಸೂತ್ರ ಬಳಕೆಯಲ್ಲಿದೆ. a)ದ್ವಿ b)ಏಕ c)ತ್ರಿ d)ಚತುರ್	1	1	L1
46.	_____ಘನ ವಜ್ರ ಕಿರಿದೆನ್ನಬಹುದೆ ಬಾರದಯ್ಯಾ. a) ಜ್ಯೋತಿ b) ನೆನಪು c) ಮರೆವು d) ಗಿರಿ	1	2	L1
47.	_____ ಕಣ್ಣ ಕಾಣಲರಿಯದೆ ರವಿಯ ಬಯ್ವುದು ಎಂದು ಅಕ್ಕಮಹಾದೇವಿ ಹೇಳಿದ್ದಾರೆ. a)ಕಾಗೆ b) ಗೂಗೆ c) ಸಿಂಹ d) ಚಿರತೆ	1	2	L1
48.	ಜೇಡರ ದಾಸಿಮಯ್ಯನವರ ಕಾಯಕ ಯಾವುದು? a)ಅಕ್ಕಿ ಆಯುವುದು b))ವ್ಯವಸಾಯ c) ನೆಯ್ಗೆ d)ಯಾವುದು ಅಲ್ಲ	1	2	L1
49.	ನವಿಲಿಗೆ ಚಿತ್ರ ಬರೆದವರು ಯಾರು ? a)ಭಗವಂತ b)ಪ್ರಾಣಿ c)ಪಕ್ಷಿ d)ಮನುಷ್ಯ.	1	3	L1
50.	ಕನಕದಾಸರ ಅಂಕಿತನಾಮ ಯಾವುದು ? a)ಕಾಗಿನೆಲೆಯಾದಿಕೇಶವರಾಯ b)ಕೂಡಲಸಂಗಮದೇವ c)ಚೆನ್ನ ಮಲ್ಲಿಕಾರ್ಜುನ d)ಗುಹೇಶ್ವರ	1	3	L1

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SJC INSTITUTE OF TECHNOLOGY

(An Autonomous Institute under VTU, Belagavi)

FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**SAAMSKRUTHIKA KANNADA**		
Course Code:	**BSKA107**	**Branches: ISE, AIML, ECE & CV**	
Max Marks:	**50**	**Duration:**	**1 Hour**

INSTRUCTIONS TO THE CANDIDATES

1. Use only **Black ball point pen** for writing/ darkening the circle
2. Answer all the **fifty** questions, each question carries one mark.
3. For each question, after selecting your answer, darken the appropriate circle corresponding to the same question number on the **OMR** sheet.
4. Darkening two circles for the same question makes the answer invalid.

Q. NO.	Questions	Marks	CO	RBTL
1.	ಡಾ. ಸರ್.ಎಂ.ವಿಶ್ವೇಶ್ವರಯ್ಯನವರು_____ಯಿಲ್ಲದೆ ಯಾವುದೇ ಕೆಲಸಕ್ಕಾಗಿ ಕೈ ಹಾಕುತ್ತಿರಲಿಲ್ಲ. **a)** ಪೂರ್ವಸಿದ್ಧತೆ **b)**ಪೂಜೆ **c)**ಪುಸ್ತಕ **d)** ವಸ್ತ್ರ	**1**	**4**	**L1**
2.	ಡಾ.ಸರ್.ಎಂ.ವಿಶ್ವೇಶ್ವರಯ್ಯನವರು ಮೇಷ್ಟ್ರನ್ನು ಕರೆದು ಎಷ್ಟು ರೂಪಾಯಿಯನ್ನು ಅವರ ಕೈಯಲ್ಲಿಟ್ಟರು? a)೧೦ ರೂಪಾಯಿ b) ೨೫ ರೂಪಾಯಿ c) ೧೦ ಪೈಸೆ d) ೫ ರೂಪಾಯಿ	**1**	**4**	**L1**
3.	ಡಾ.ಸರ್.ಎಂ.ವಿಶ್ವೇಶ್ವರಯ್ಯನವರು ಡಾಕ್ಟರ್ ಗೆ ಎಷ್ಟು ರೂಪಾಯಿನ ಚೆಕ್ಕು ಕಳುಹಿಸಿದರು ? a**)** ಎಪ್ಪತ್ತೈದು **b)** ಎಪ್ಪತ್ತು **c)** ನೂರು **d)** ಒಂದು ಲಕ್ಷ	**1**	**4**	**L1**
4.	ಡಾ.ಸರ್.ಎಂ.ವಿಶ್ವೇಶ್ವರಯ್ಯನವರು ಹುಟ್ಟಿದ ಊರು ಯಾವುದು? a) ಮೈಸೂರು **b)** ಮುದ್ದೇನಹಳ್ಳಿ c). ಮುಳಬಾಗಿಲು d). ಮಂಡ್ಯ	**1**	**4**	**L1**
5.	ಕಬ್ಬಿಣ ಮತ್ತು ಉಕ್ಕಿನ ಕಾರ್ಖಾನೆಯನ್ನು ವಿಶ್ವೇಶ್ವರಯ್ಯನವರು ಎಲ್ಲಿ ಸ್ಥಾಪಿಸಿದರು**?** a)ಶಿವಮೊಗ್ಗ b) ಮೈಸೂರು c) ಭದ್ರಾವತಿ d) ಬೆಳಗಾವಿ	**1**	**4**	**L1**
6.	ಬೋನಸ್ ಷೇರು _____ರೂಪದಲ್ಲಿ ವರ್ಗಾಯಿಸಬಹುದು **a)**ಮುಖಬೆಲೆ **b)** ಸೆಬಿ **c)** ಡಿಕ್ಲೈನ್ **d)** ಹಣದ	**1**	**1**	**L1**
7.	ಬಾಂಬೆ ಸ್ಟಾಕ್ ಎಕ್ಸ್‌ಚೆಂಜ್ ನ ಸ್ಟಾಕ್ ಸೂಚ್ಯಂಕ ಯಾವುದು? **a)**ನಿಫ್ಟಿ **b)** ಐಪಿಒ **c)** ಬಿಎಸ್‌ಇ **d)** ಸೆನ್ಸೆಕ್ಸ್	**1**	**4**	**L1**
8.	ಷೇರು ಮಾರುಕಟ್ಟೆಯಲೆಲ್ಲಾ_____ಇರುತ್ತಾರೆ. **a)**ಕೊಳ್ಳುವವರು **b)** ಕಂಪನಿಗಳವರು **c)** ದಲ್ಲಾಲಿಗಳು **d)** ಎಲ್ಲರೂ	**1**	**4**	**L1**
9.	ಸ್ಟಾಕ್ ಮಾರ್ಕೆಟ್‌ನಲ್ಲಿ ಸೂಚ್ಯಂಕ ಏರಿಕೆಯನ್ನು ಯಾವುದಕ್ಕೆ ಹೋಲಿಸಿದೆ? **a)** ಐಪಿಒ **b)** ಗೂಳಿ **c)** ಕರಡಿ **d)** ಮುಖಬೆಲೆ	**1**	**4**	**L1**
10.	ರೇಖಾಳ ಗಂಡನ ಹೆಸರೇನು ? **a)** ಹೇಮಂತ **b)** ಪ್ರಹ್ಲಾದ **c)** ಕುಮಾರ **d)** ರೋಹಿತ	**1**	**4**	**L1**

11.	"ಯುಗಾದಿ" ಎಂಬ ಕಥೆ ಬರೆದವರು ಯಾರು ? a) ಡಿ ವಿ ಜಿ b) ದ.ರಾ. ಬೇಂದ್ರೆ c)ಕುವೆಂಪು d)ವಸುದೇಂದ್ರ	1	4	L1
12.	ಗೋಪಣ್ಣ ಮಾಸ್ತರರು ತನ್ನ ಹೆಂಡತಿಯನ್ನು ಪ್ರೀತಿಯಿಂದ ಏನೆಂದು ಕರೆಯುತಿದ್ದರು ? a)ರೇಖಾ b) ರಾಧಾ c) ರುಕ್ಕು d) ಚಾಂದಿನಿ	1	4	L1
13.	"ಗಿಡ್ಡ ಪುಟಾಣಿ ಮಕ್ಕಳ ರಾಣಿ" ಎಂದು ಗೋಪಣ್ಣ ಮಾಸ್ತರರು ಯಾರನ್ನ ಕರೆಯುತ್ತಿದ್ದರು. a)ರೇಖಾ b)ರುಕ್ಮಿಣಮ್ಮ c) ಲಕ್ಷ್ಮಿ d) ರಾಧ	1	4	L1
14.	ಪ್ರಹ್ಲಾದನನ್ನು ಎಲ್ಲಿಗೆ ಕರೆದುಕೊಂಡು ಹೋಗಿ ಬಂದ ಮೇಲೆ ಮಾತು ಬಂದಿತ್ತು. a)ದೇವಸ್ಥಾನ b) ಆಸ್ಪತ್ರೆ c) ಬಸದಿ d) ದರ್ಗಾ	1	4	L1
15.	"ಸೋಲೆಂಬುದು ಅಲ್ಪವಿರಾಮ" ಈ ಲೇಖನವನ್ನು ಬರೆದವರು ಯಾರು ? a)ನೇಮಿಚಂದ್ರ b) ಎ ಎನ್ ಮೂರ್ತಿರಾವ್ c) ಋಷಿ d) ಜಿ ವೆಂಕಟಸುಬ್ಬಯ್ಯ	1	4	L1
16.	ತಾಳಿದವನು _____ a) ಆಳುವವನು b)ಓಡುವವನು c)ನೋಡುವವನು d)ಬಾಳಿಯಾನು	1	4	L1
17.	ಜ್ಯೋತಿ ಅವರ ಶಾಲೆಯಲ್ಲಿದ್ದ ಹಿಂದಿ ಟೀಚರ್ ನ ಹೆಸರೇನು a)ಲತಾ b) ಮಹೇಶ್ವರಿ c) ರಾಜೇಶ್ವರಿ d) ಸುಪ್ರಿಯಾ	1	4	L1
18.	'ರಾಜಿ" ಆತ್ಮಹತ್ಯೆ ಮಾಡಿಕೊಳ್ಳಲು ಕಾರಣ ಯಾರು ? a)ಉಮೇಶ್ b) ಪಾಂಡೆ c) ರಾಜಿಯ ತಾಯಿ d) ಪ್ರಹ್ಲಾದ	1	4	L1
19.	ಕವಿಯ ಪ್ರಕಾರ _____ ಅಲ್ಪವಿರಾಮ. a)ಸೋಲೆಂಬುದು b) ಸೋಲಿಸುವುದು c) ಸಾಯುವುದು d) ಗೆಲ್ಲುವುದು	1	4	L1
20.	"ಸ್ನೇಹ" ತನ್ನ ಗೆಳೆಯರ ಆಹಾರದಲ್ಲಿ ____ ಹಾಕಿ ಸಾಯಿಸಿದಳು a)ಮಾತ್ರೆ b)ಹಾವಿನ ವಿಷ c)ಇಲಿ ಪಾಷಾಣ d) a) ಮತ್ತು b)	1	4	L1
21.	ಗಂಗರ ರಾಜಧಾನಿ ಯಾವುದು ? a)ಮೈಸೂರು b) ಕಲಬುರಗಿ c) ತಲಕಾಡು d) ಹುಬ್ಬಳ್ಳಿ	1	1	L1
22.	ಕರ್ನಾಟಕದ ಸಂಕ್ಷಿಪ್ತ ಇತಿಹಾಸ ಮತ್ತು ಸಾಹಿತ್ಯದ ಬೆಳವಣಿಗೆ ಈ ಲೇಖನ ಬರೆದವರು ಯಾರು ? a)ಹಂಪ ನಾಗರಾಜಯ್ಯ b) ಜಿ ವೆಂಕಟಸುಬ್ಬಯ್ಯ c) ಶಿಶುನಾಳ ಶರೀಫ d) ಪ್ರೊ ಎಲ್ ತಿಮ್ಮೇಶ್	1	1	L1
23.	"ಕರ್ನಾಟಕ" ರಾಜ್ಯವೆಂದು ನಾಮಕರಣವಾದ ವರ್ಷ ಯಾವುದು ? a) 1972 b) 1973 c) 1974 d) 2020	1	1	L1
24.	ಕರ್ನಾಟಕದ ರಾಜ್ಯದ ಮೊದಲ ಹೆಸರು ? a)ಮಂಡ್ಯ b) ಬಳ್ಳಾರಿ c) ಕೊಡಗು d) ಮೈಸೂರು	1	1	L1
25.	ವಿಜಯನಗರ ಸಾಮ್ರಾಜ್ಯವನ್ನು _____ ನದಿ ತೀರದಲ್ಲಿ ಸ್ಥಾಪಿಸಿದರು. a) ಕಾವೇರಿ b) ತುಂಗಾ c) ಯಮುನಾ d) ಗಂಗಾ	1	1	L1
26.	ಬೀದರ್ ನಗರದಲ್ಲಿ ನಡೆದ ಕನ್ನಡ ಸಾಹಿತ್ಯ ಸಮ್ಮೇಳನದ ಅಧ್ಯಕ್ಷರಾಗಿದ್ದವರು ಯಾರು? a).ಹಂಪ ನಾಗರಾಜಯ್ಯ b). ಶಿವರಾಮ ಕಾರಂತ್ c). ಗೋಪಾಲಕೃಷ್ಣ d).ಡಿ.ಎಲ್ ನರಸಿಂಹಚಾರ್ಯರು	1	1	L1
27.	ಕರ್ನಾಟಕ ಏಕೀಕರಣ: ಒಂದು ಅಪೂರ್ವ ಚರಿತ್ರೆ, ಈ ಲೇಖನ ಬರೆದವರು ಯಾರು? a) ಹಂಪ ನಾಗರಾಜಯ್ಯ b)ಮಾಸ್ತಿ ವೆಂಕಟೇಶ c)ಜಿ ವೆಂಕಟಸುಬ್ಬಯ್ಯ d)ಶ್ರೀರಂಗರು	1	1	L1
28.	ವಿದ್ಯಾವರ್ಧಕ ಸಂಘವು_____ನಲ್ಲಿ ಸ್ಥಾಪನೆಯಾಯಿತು. a)1880 b)1890 c)1895 d)1885	1	1	L1
29.	ರಾಯಚೂರಿನಲ್ಲಿ ನಡೆದ ಕನ್ನಡ ಸಾಹಿತ್ಯ ಪರಿಷತ್ತಿನ ಸಮ್ಮೇಳನದ ಅಧ್ಯಕ್ಷರು ಯಾರು? a)ಶ್ರೀರಂಗರು b)ಮಾಸ್ತಿ c)ಶಿವರಾಮ ಕಾರಂತ್ d)ಗೋಪಾಲಕೃಷ್ಣ	1	1	L1
30.	1800 ರಲ್ಲಿ ಬಳ್ಳಾರಿ ಜಿಲ್ಲೆಯ ಕಲೆಕ್ಟರ್ ಆಗಿದ್ದವರು ಯಾರು? a) ಸರ್ ಥಾಮಸ್ ಮನ್ರೋ b) ಮಾಸ್ತಿ c) ಆಲೂರು ವೆಂಕಟರಾಯ d) ಬೇಂದ್ರೆ	1	1	L1

31.	ಜನರಾಡುವ ಭಾಷೆ ಆಡಳಿತ ಭಾಷೆಯಾದಗ ಆಡಳಿತವು _____ಆಗಿರುತ್ತದೆ. a) ಅಸ್ಪಷ್ಟತೆ b) ಗೊಂದಲ c) ಪಾರದರ್ಶಕ d) ಅನುಕೂಲರಹಿತ	1	1	L1
32.	ಕನ್ನಡ ಲಿಪಿಯನ್ನ " ಲಿಪಿಗಳ ರಾಣಿ" ಎಂದು ಕರೆದವರು ಯಾರು? a) ಕುವೆಂಪು b) ಮಾಸ್ತಿ c) ಗೋವಿಂದಪೈ d) ವಿನೋಬಾ ಭಾವೆ	1	1	L1
33.	ಕನ್ನಡ ಭಾಷೆಯನ್ನು ಸು. _____ ಜನರು ಆಡುನುಡಿಯಾಗಿ ಬಳಸುತ್ತಾರೆ? **a) ಸು. 60 ದಶಲಕ್ಷ b) ಸು. 50 ದಶಲಕ್ಷ c) ಸು. 40 ದಶಲಕ್ಷ d) ಸು. 80 ದಶಲಕ್ಷ**	1	1	L1
34.	ಆಡಳಿತ ಭಾಷೆ ಯಾವಾಗಲೂ____ ಇರಬೇಕು. **a) ಕಷ್ಟಕರವಾಗಿ b) ಅರ್ಥವಾಗದಂತೆ c) ಗೊಂದಲದಿಂದ d) ಸರಳ ಮತ್ತು ಸ್ಪಷ್ಟವಾಗಿ**	1	1	L1
35.	ನಮ್ಮ ರಾಜ್ಯದಲ್ಲಿ _____ಭಾಷಾ ಸೂತ್ರ ಬಳಕೆಯಲ್ಲಿದೆ. **a)ದ್ವಿ b)ಏಕ c)ತ್ರಿ d)ಚತುರ್**	1	1	L1
36.	_____ಘನ ವಜ್ರ ಕಿರಿದೆನ್ನಬಹುದೆ ಬಾರದಯ್ಯಾ. **a) ಜ್ಯೋತಿ b) ನೆನಪು c)ಮರೆವು d)ಗಿರಿ**	1	2	L1
37.	_____ ಕಣ್ಣ ಕಾಣಲರಿಯದೆ ರವಿಯ ಬಯ್ವುದು ಎಂದು ಅಕ್ಕಮಹಾದೇವಿ ಹೇಳಿದ್ದಾರೆ. **a)ಕಾಗೆ b) ಗೂಗೆ c) ಸಿಂಹ d) ಚಿರತೆ**	1	2	L1
38.	ಜೇಡರ ದಾಸಿಮಯ್ಯನವರ ಕಾಯಕ ಯಾವುದು? **a)ಅಕ್ಕಿ ಆಯುವುದು b))ವ್ಯವಸಾಯ c) ನೆಯ್ಗೆ d)ಯಾವುದು ಅಲ್ಲ**	1	2	L1
39.	ನವಿಲಿಗೆ ಚಿತ್ರ ಬರೆದವರು ಯಾರು ? **a)ಭಗವಂತ b)ಪ್ರಾಣಿ** c)ಪಕ್ಷಿ **d)ಮನುಷ್ಯ.**	1	3	L1
40.	ಕನಕದಾಸರ ಅಂಕಿತನಾಮ ಯಾವುದು **?** **a)ಕಾಗಿನೆಲೆಯಾದಿಕೇಶವರಾಯ b)**ಕೂಡಲಸಂಗಮದೇವ **c)ಚೆನ್ನ ಮಲ್ಲಿಕಾರ್ಜುನ d)ಗುಹೇಶ್ವರ**	1	3	L1
41.	"ಸಾವಿರ ಕೊಡಗಳ ಸುಟ್ಟು" ಎಂಬ ತತ್ವಪದವನ್ನು ಬರೆದವರು ಯಾರು **?** **a)ಬಸವಣ್ಣ b) ಶಿಶುನಾಳ ಶರೀಫ c) ಕನಕದಾಸರು d) ಜೇಡರದ್ದಾಸಿಮಯ್ಯ**	1	3	L1
42.	_____ ಕಾಸಿಗೊಂದು ಕುಡುಕಿಯ ಮಾರಿ. **a)ಮೂರು b) ಎರಡು c) ಆರು d) ನೂರು**	1	3	L1
43.	_____ಸುತ್ತನು ತಿರುಗಿ ಗಡಗಿ ತಯಾರು ಮಾಡುವಾಕಿ. **a) ಅರವತ್ತು b) ಇನ್ನೂರರವತ್ತು c) ಮುನ್ನೂರರವತ್ತು d) ಐನೂರು**	1	3	L1
44.	"ವಸುಧೆ" ಪದದ ಅರ್ಥ _____**?** **a) ಆಕಾಶ b) ನಕ್ಷತ್ರ c) ಭೂಮಿ d) ವಾಯು**	1	3	L1
45.	"ಬ್ರಹ್ಮಾಂಡ" ಪದದ ಸಮಾನಾರ್ಥಕ ಪದ _____ **a) ಭೂಮಿ b) ನಕ್ಷತ್ರ c) ಆಕಾಶ d) ನೆಲ**	1	4	L1
46.	"ಯಾಕೆ ಬಡಿದಾಡ್ತಿ ತಮ್ಮ' ಎಂಬುದು_____ **a)ನಾಡ ಗೀತೆ b)ಜನಪದ ಗೀತೆ c)ವಚನ d)ಕೀರ್ತನೆ**	1	4	L1
47.	ಸತ್ತಾಗ ಬರುವರು ತಮ್ಮ___ ತನಕ. **a)ಗುಳಿ b)ಮನೆ c)ಎಲ್ಲಿ d)ತುದಿ.**	1	4	L1
48.	ನಿನ್ನ _____ ಕುಣಿಕೆ ಬೀಳೋ ತನಕ. **a)ಕಾಲಿಗೆ b)ತಲೆಗೆ c)ಕೈಗೆ d)ಕೊರಳಿಗೆ**	1	4	L1
49.	ಯಾಕೆ ಬಡಿದಾಡ್ತಿ _____? **a)ತಮ್ಮ b)ಅಣ್ಣ c)ಅಕ್ಕ d)ತಂಗಿ**	1	4	L1
50.	ಅಣ್ಣ ತಮ್ಮ ಅಕ್ಕ ತಂಗಿ ಎಲ್ಲಿ ತನಕ ? **a)ಬದುಕಿ ಬೆಳೆಯೋ ತನಕ. b)ಸತ್ತು ಮಣ್ಣು ಸೇರುವ ತನಕ. c)ಹುಟ್ಟಿನಿಂದ ಕೊನೆತನಕ .d)ಯಾವುದು ಅಲ್ಲ.**	1	4	L1

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Version: A

SJC INSTITUTE OF TECHNOLOGY

(An Autonomous Institute under VTU, Belagavi)

FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**INNOVATION AND DESIGN THINKING**		
Course Code:	**BIDT108**	**Branch: EC,CV,IS & AIML**	
Max Marks:	**50**	**Duration:**	**1 Hour**

INSTRUCTIONS TO THE CANDIDATES

1. Use only **Black ball point pen** for writing/ darkening the circle
2. Answer all the **fifty** questions, each question carries one mark.
3. For each question, after selecting your answer, darken the appropriate circle corresponding to the same question number on the **OMR** sheet.
4. Darkening two circles for the same question makes the answer invalid.

Q.NO.	Questions	Marks	CO	RBTL
1.	In the design-thinking process, what is the first question to answer? a) What do people need? c) Is this idea feasible? b) Will this idea make money? d) How can this be implemented?	**1**	**1**	**L1**
2.	Inventions that can be commercialized and are launched to market are called as innovations. a) True b) False	**1**	**1**	**L1**
3.	Collaborative teamwork is essential in design thinking for a) Equal Importance to all members b) Solving multifaceted problems c) Unbiased Selection of ideas d) None of the above	**1**	**1**	**L1**
4.	MVP stands for a) Minimum viable product b) Maximum variation product c) Minimum variation product d) Minimum viable product	**1**	**1**	**L1**
5.	To empathize, one has to a) Observe b) Engage c) Listen d) All of the above	**1**	**1**	**L1**
6.	Ideate means a) To rapidly change. b) When you create a 3D model of your design. c) The process for creating and sharing ideas where you use images and sketches instead of words to describe your idea. d) When you brainstorm ideas, get feedback, create an initial design, share the design, and iterate.	**1**	**1**	**L1**
7.	A prototype on the prototype stage should include all of these characteristics except which? a) Scaled-down c) Quickly assembled b) Low-cost d) Final version	**1**	**1**	**L1**
8.	The ultimate goal of design thinking is to help you design better a) Encourage the person to talk about experiences. b) Encourage short answers that get right to the point. c) Ask follow-up questions to get more information. d) Try to uncover needs people may or may not be aware of.	**1**	**1**	**L1**

9.	Describe the below given new product? a) Its modern. c) Innovative. b) Not comfortable. d) The design is complicated.	**1**	**1**	**L2**
10.	Rashmi is creating a new product for Architectural college students. She takes a design-thinking approach. Her first step is, addressing who she is creating the product for? And conducts research on understanding this target market. What is this step in the design thinking process? a) Define b) Ideate c) Empathize d) Prototype	**1**	**1**	**L2**
11.	One needs to have professional training in design to become a design thinker a) True b) False	**1**	**1**	**L1**
12.	In prototyping one should keep in mind a) Fail-fast b) Fail-often c) Fail-cheap d) All of these	**1**	**1**	**L1**
13.	What method is used in Discover Phase to build empathy? a) Personal c) Interview b) Journey Map d) Rose thorn bud	**1**	**1**	**L1**
14.	Drawing is one of the techniques related to mind mapping a) Agree b) Disagree	**1**	**1**	**L1**
15.	The four steps of canonical prototyping iteration are i. Developing a prototype to exemplify a possibility ii. Imaging possibilities iii. Receiving feedback on the prototype iv. Re-evaluating limitations. Choose the correct order of these steps a) i-ii-iii-iv b) ii-i-iii-iv c) ii-i-iv-iii d) iv-iii-ii-i	**1**	**1**	**L1**
16.	Journey mapping maps which phase of activity of service for a customer? a) Before a service c) During a service b) After a service d) All of the above	**1**	**1**	**L1**
17.	---------- is used with the objective of identifying needs that customers are often unable to articulate. a) Mind mapping c) Experience mapping b) Story telling d) Rapid Concept Development	**1**	**1**	**L1**
18.	It is a close relative of visualization another way to make new ideas feel real and compelling a) Prototype c) Co-creation b) Learning launches d) Storytelling	**1**	**1**	**L1**
19.	When people hear the term “innovation process,” concept development may be the only thing they think of, and they often equate it with . a) Assumption testing c) Visualization b) Brain storming d) Discussing	**1**	**1**	**L1**
20.	Chocolate needs to be transported around the globe. It can melt at high temperatures during transportation. The company Hershey’s was looking for packaging solutions that: Would withstand the change in ambient temperature. i. Were lightweight and affordable. ii. Tempering melted chocolates at a temperature of 24°C or below. iii. Would maintain the chocolate at a temperature of 75°F or below for 48 hours. Which of the statements given above is/are correct? a) i-ii-iii b) i-iii-iv c) ii-iii-iv d) i-ii-iv	**1**	**1**	**L2**

21.	What is the purpose of the "Prototype" stage in Design Thinking? a) To finalize the solution b) To create testable models of ideas c) To gather user feedback d) To analyze the system requirements	**1**	**2**	**L1**
22.	Which of the following is NOT a principle of Design Thinking? a) Human-centered design c) Data security b) Collaboration d) Iterative process	**1**	**2**	**L1**
23.	In the IT domain, Design Thinking is most effective when applied to: a) Server configuration optimization b) Cloud migration strategies c) Complex problem-solving and innovation d) Software license management	**1**	**2**	**L1**
24.	Which tool is commonly used in Design Thinking to visualize user journeys? a) ER diagrams c) PERT charts b) Data flow diagrams d) User journey maps	**1**	**2**	**L1**
25.	Which principle is key for successful virtual Agile collaboration? a) Maximize offline meetings b) Trust and transparency within the team c) Centralized control of tasks d) Rigid hierarchy	**1**	**2**	**L1**
26.	What is the primary focus of Design Thinking in IT? a) Reducing IT infrastructure costs b) Creating user-centric solutions c) Maximizing system performance d) Automating all processes	**1**	**2**	**L1**
27.	A scenario-based prototype is typically focused on: a) User interaction in a specific context b) Low-fidelity modeling c) Backend performance optimization d) Large-scale system integration	**1**	**2**	**L1**
28.	BPM combined with Design Thinking is most useful for: a) Enhancing software code efficiency b) Visualizing user-centric workflows and improving them c) Managing cloud resources d) Increasing database capacity	**1**	**2**	**L1**
29.	What is a common challenge of Agile in virtual collaboration environments? a) Lack of coding standards b) Difficulty in creating prototypes c) Increased software bugs d) Poor communication and coordination	**1**	**2**	**L1**
30.	What is the main purpose of scenario-based prototyping? a) To test system performance b) To simulate user interactions and workflows c) To automate repetitive tasks d) To finalize the design process	**1**	**2**	**L1**

31.	In strategic innovation, “thinking outside the box” often leads to: a) Process automation b) Incremental changes b) Radical new business models d) Reduced competition	**1**	**3**	**L1**
32.	A ride-hailing service identifies its customer segment as "urban commuters who value convenience." This is an example of: a) Value proposition c) Standardization b) Key resources d) Customer segmentation	**1**	**3**	**L1**
33.	What is the purpose of growth storytelling in strategy? a) To explain technical details of a product b) To eliminate user feedback c) To present data in an engaging and relatable way d) To create complex business models	**1**	**3**	**L1**
34.	A start-up founder shares the story of overcoming financial struggles to inspire employees and attract investors. What is this an example of? a) Vision alignment c) technical demonstration b) Design Thinking d) Growth storytelling	**1**	**3**	**L1**
35.	In storytelling, a business showcases its success in adapting to market changes using analytics tools. What is this an example of? a) Data storytelling c) Business prototyping b) Empathy mapping d) Agile methodology	**1**	**3**	**L1**
36.	What does "change sense-making" involve? a) Minimizing employee feedback during transitions b) Understanding the impact of external and internal changes on strategy c) Creating rigid strategies d) Ignoring disruptive market trends	**1**	**3**	**L1**
37.	A luxury car brand adds AI-powered safety features to create a competitive edge. This is an example of: a) Value redefinition c) Market de-escalation b) Scenario-based prototyping d) Standardization	**1**	**3**	**L1**
38.	In the context of extreme competition, what does “experience design” mean? a) Focusing solely on cost reduction b) Designing customer interactions that build emotional connections c) Avoiding experimentation with new designs d) Copying competitor strategies	**1**	**3**	**L1**
39.	What is the purpose of rapid prototyping? a) To finalize a design b) To avoid iterative processes c) To create high-fidelity final products d) To quickly test ideas and gather feedback	**1**	**3**	**L1**
40.	A business focuses on delivering value to customers at a lower cost than competitors. Which part of the Business Model Canvas does this address? a) Key resources c) Revenue streams b) Value proposition d) Customer segments	**1**	**3**	**L1**
41.	During a Design Thinking workshop, what is typically the first activity? a) Creating a prototype c) Building user personas b) Empathizing with users d) Testing a solution	**1**	**4**	**L1**

42.	What is the primary focus of the “Empathize” stage in Design Thinking? a) Designing a product based on assumptions b) Developing technical solutions c) Understanding user needs and pain points d) Gathering financial requirements	**1**	**4**	**L1**
43.	In a Design Thinking workshop, brainstorming solutions typically happens in which stage? a) Prototype c) Test b) Ideate d) Empathize	**1**	**4**	**L1**
44.	Which method is most commonly used during the Empathize stage? a) Surveys and interviews c) Budget analysis b) Software testing d) Revenue tracking	**1**	**4**	**L1**
45.	In a Design Thinking workshop, why is the Empathize stage crucial? a) It sets budget expectations for the project. b) It ensures solutions are grounded in real user needs. c) It focuses solely on creating prototypes. d) It eliminates the need for testing.	**1**	**4**	**L1**
46.	In the Ideate stage, what is the main focus? a) Generating creative and diverse ideas b) Refining a prototype c) Implementing a final solution d) Conducting user interviews	**1**	**4**	**L1**
47.	What is the role of constraints in the Ideate stage? a) To limit creativity b) To guide realistic and actionable ideas c) To finalize the design d) To test prototypes	**1**	**4**	**L1**
48.	What is the purpose of creating prototypes in Design Thinking? a) To finalize a product design b) To test assumptions and gather feedback c) To develop marketing strategies d) To analyze sales trends	**1**	**4**	**L1**
49.	A Design Thinking team invites users to interact with a new app prototype to collect feedback. This is an example of which stage? a) Test c) Empathize b) Ideate d) Prototype	**1**	**4**	**L1**
50.	What is one key activity in the Test stage? a) Building empathy maps b) Observing how users respond to solutions c) Generating new ideas d) Designing user personas	**1**	**4**	**L1**

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Version: B

SJC INSTITUTE OF TECHNOLOGY

(An Autonomous Institute under VTU, Belagavi)

FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**INNOVATION AND DESIGN THINKING**		
Course Code:	**BIDT108**	**Branch: EC,CV,IS & AIML**	
Max Marks:	**50**	**Duration:**	**1 Hour**

INSTRUCTIONS TO THE CANDIDATES

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3. For each question, after selecting your answer, darken the appropriate circle corresponding to the same question number on the **OMR** sheet.
4. Darkening two circles for the same question makes the answer invalid.

Q.NO.	Questions	Marks	CO	RBTL
1	One needs to have professional training in design to become a design thinker a) True b) False	**1**	**1**	**L1**
2	In prototyping one should keep in mind a) Fail-fast b) Fail-often c) Fail-cheap d) All of these	**1**	**1**	**L1**
3	What method is used in Discover Phase to build empathy? a) Personal c) Interview b) Journey Map d) Rose thorn bud	**1**	**1**	**L1**
4	Drawing is one of the techniques related to mind mapping a) Agree b) Disagree	**1**	**1**	**L1**
5	The four steps of canonical prototyping iteration are i. Developing a prototype to exemplify a possibility ii. Imaging possibilities iii. Receiving feedback on the prototype iv. Re-evaluating limitations. Choose the correct order of these steps a) i-ii-iii-iv b) ii-i-iii-iv c) ii-i-iv-iii d) iv-iii-ii-i	**1**	**1**	**L1**
6	Journey mapping maps which phase of activity of service for a customer? a) Before a service c) During a service b) After a service d) All of the above	**1**	**1**	**L1**
7	---------- is used with the objective of identifying needs that customers are often unable to articulate. a) Mind mapping c) Experience mapping b) Story telling d) Rapid Concept Development	**1**	**1**	**L1**
8	It is a close relative of visualization another way to make new ideas feel real and compelling a) Prototype c) Co-creation b) Learning launches d) Storytelling	**1**	**1**	**L1**

9.	When people hear the term "innovation process," concept development may be the only thing they think of, and they often equate it with . a) Assumption testing c) Visualization b) Brain storming d) Discussing	**1**	**1**	**L1**
10.	Chocolate needs to be transported around the globe. It can melt at high temperatures during transportation. The company Hershey's was looking for packaging solutions that: Would withstand the change in ambient temperature. i. Were lightweight and affordable. ii. Tempering melted chocolates at a temperature of 24°C or below. iii. Would maintain the chocolate at a temperature of 75°F or below for 48 hours. Which of the statements given above is/are correct? a) i-ii-iii b) i-iii-iv c) ii-iii-iv d) i-ii-iv	**1**	**1**	**L2**
11.	What is the purpose of the "Prototype" stage in Design Thinking? a) To finalize the solution b) To create testable models of ideas c) To gather user feedback d) To analyze the system requirements	**1**	**2**	**L1**
12.	Which of the following is NOT a principle of Design Thinking? a) Human-centered design c) Data security b) Collaboration d) Iterative process	**1**	**2**	**L1**
13.	In the IT domain, Design Thinking is most effective when applied to: a) Server configuration optimization b) Cloud migration strategies c) Complex problem-solving and innovation d) Software license management	**1**	**2**	**L1**
14.	Which tool is commonly used in Design Thinking to visualize user journeys? a) ER diagrams c) PERT charts b) Data flow diagrams d) User journey maps	**1**	**2**	**L1**
15.	Which principle is key for successful virtual Agile collaboration? a) Maximize offline meetings b) Trust and transparency within the team c) Centralized control of tasks d) Rigid hierarchy	**1**	**2**	**L1**
16.	What is the primary focus of Design Thinking in IT? a) Reducing IT infrastructure costs b) Creating user-centric solutions c) Maximizing system performance d) Automating all processes	**1**	**2**	**L1**
17.	A scenario-based prototype is typically focused on: a) User interaction in a specific context b) Low-fidelity modeling c) Backend performance optimization d) Large-scale system integration	**1**	**2**	**L1**
18.	BPM combined with Design Thinking is most useful for: a) Enhancing software code efficiency b) Visualizing user-centric workflows and improving them c) Managing cloud resources d) Increasing database capacity	**1**	**2**	**L1**

19.	What is a common challenge of Agile in virtual collaboration environments? a) Lack of coding standards b) Difficulty in creating prototypes c) Increased software bugs d) Poor communication and coordination	**1**	**2**	**L1**
20.	What is the main purpose of scenario-based prototyping? a) To test system performance b) To simulate user interactions and workflows c) To automate repetitive tasks d) To finalize the design process	**1**	**2**	**L1**
21.	In the design-thinking process, what is the first question to answer? a) What do people need? c) Is this idea feasible? b) Will this idea make money? d) How can this be implemented?	**1**	**1**	**L1**
22	Inventions that can be commercialized and are launched to market are called as innovations. a) True b) False	**1**	**1**	**L1**
23	Collaborative teamwork is essential in design thinking for a) Equal Importance to all members b) Solving multifaceted problems c) Unbiased Selection of ideas d) None of the above	**1**	**1**	**L1**
24	MVP stands for a) Minimum viable product b) Maximum variation product c) Minimum variation product d) Minimum viable product	**1**	**1**	**L1**
25	To empathize, one has to a) Observe b) Engage c) Listen d) All of the above	**1**	**1**	**L1**
26	Ideate means a) To rapidly change. b) When you create a 3D model of your design. c) The process for creating and sharing ideas where you use images and sketches instead of words to describe your idea. d) When you brainstorm ideas, get feedback, create an initial design, share the design, and iterate.	**1**	**1**	**L1**
27	A prototype on the prototype stage should include all of these characteristics except which? a) Scaled-down c) Quickly assembled b) Low-cost d) Final version	**1**	**1**	**L1**
28	The ultimate goal of design thinking is to help you design better a) Encourage the person to talk about experiences. b) Encourage short answers that get right to the point. c) Ask follow-up questions to get more information. d) Try to uncover needs people may or may not be aware of.	**1**	**1**	**L1**
29	Describe the below given new product? a) Its modern. c) Innovative. b) Not comfortable. d) The design is complicated.	**1**	**1**	**L2**
30	Rashmi is creating a new product for Architectural college students. She takes a design-thinking approach. Her first step is, addressing who she is creating the product for? And conducts research on understanding this target market. What is this step in the design thinking process? a) Define b) Ideate c) Empathize d) Prototype	**1**	**1**	**L2**

31	During a Design Thinking workshop, what is typically the first activity? a) Creating a prototype c) Building user personas b) Empathizing with users d) Testing a solution	**1**	**4**	**L1**
32	What is the primary focus of the "Empathize" stage in Design Thinking? a) Designing a product based on assumptions b) Developing technical solutions c) Understanding user needs and pain points d) Gathering financial requirements	**1**	**4**	**L1**
33	In a Design Thinking workshop, brainstorming solutions typically happens in which stage? a) Prototype c) Test b) Ideate d) Empathize	**1**	**4**	**L1**
34	Which method is most commonly used during the Empathize stage? a) Surveys and interviews c) Budget analysis b) Software testing d) Revenue tracking	**1**	**4**	**L1**
35	In a Design Thinking workshop, why is the Empathize stage crucial? a) It sets budget expectations for the project. b) It ensures solutions are grounded in real user needs. c) It focuses solely on creating prototypes. d) It eliminates the need for testing.	**1**	**4**	**L1**
36	In the Ideate stage, what is the main focus? a) Generating creative and diverse ideas b) Refining a prototype c) Implementing a final solution d) Conducting user interviews	**1**	**4**	**L1**
37	What is the role of constraints in the Ideate stage? a) To limit creativity b) To guide realistic and actionable ideas c) To finalize the design d) To test prototypes	**1**	**4**	**L1**
38	What is the purpose of creating prototypes in Design Thinking? a) To finalize a product design b) To test assumptions and gather feedback c) To develop marketing strategies d) To analyze sales trends	**1**	**4**	**L1**
39	A Design Thinking team invites users to interact with a new app prototype to collect feedback. This is an example of which stage? a) Test c) Empathize b) Ideate d) Prototype	**1**	**4**	**L1**
40	What is one key activity in the Test stage? a) Building empathy maps b) Observing how users respond to solutions c) Generating new ideas d) Designing user personas	**1**	**4**	**L1**

41	In strategic innovation, “thinking outside the box” often leads to: a) Process automation b) Incremental changes b) Radical new business models d) Reduced competition	**1**	**3**	**L1**
42	A ride-hailing service identifies its customer segment as "urban commuters who value convenience." This is an example of: a) Value proposition c) Standardization b) Key resources d) Customer segmentation	**1**	**3**	**L1**
43	What is the purpose of growth storytelling in strategy? a) To explain technical details of a product b) To eliminate user feedback c) To present data in an engaging and relatable way d) To create complex business models	**1**	**3**	**L1**
44	A start-up founder shares the story of overcoming financial struggles to inspire employees and attract investors. What is this an example of? a) Vision alignment c) technical demonstration b) Design Thinking d) Growth storytelling	**1**	**3**	**L1**
45	In storytelling, a business showcases its success in adapting to market changes using analytics tools. What is this an example of? a) Data storytelling c) Business prototyping b) Empathy mapping d) Agile methodology	**1**	**3**	**L1**
46	What does "change sense-making" involve? a) Minimizing employee feedback during transitions b) Understanding the impact of external and internal changes on strategy c) Creating rigid strategies d) Ignoring disruptive market trends	**1**	**3**	**L1**
47	A luxury car brand adds AI-powered safety features to create a competitive edge. This is an example of: a) Value redefinition c) Market de-escalation b) Scenario-based prototyping d) Standardization	**1**	**3**	**L1**
48	In the context of extreme competition, what does “experience design” mean? a) Focusing solely on cost reduction b) Designing customer interactions that build emotional connections c) Avoiding experimentation with new designs d) Copying competitor strategies	**1**	**3**	**L1**
49	What is the purpose of rapid prototyping? a) To finalize a design b) To avoid iterative processes c) To create high-fidelity final products d) To quickly test ideas and gather feedback	**1**	**3**	**L1**
50	A business focuses on delivering value to customers at a lower cost than competitors. Which part of the Business Model Canvas does this address? a) Key resources c) Revenue streams b) Value proposition d) Customer segments	**1**	**3**	**L1**

1	S	J	2	4					

Version: C

SJC INSTITUTE OF TECHNOLOGY

(An Autonomous Institute under VTU, Belagavi)

FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**INNOVATION AND DESIGN THINKING**		
Course Code:	**BIDT108**	**Branch: EC,CV,IS & AIML**	
Max Marks:	**50**	**Duration:**	**1 Hour**

INSTRUCTIONS TO THE CANDIDATES

1. Use only **Black ball point pen** for writing/ darkening the circle
2. Answer all the **fifty** questions, each question carries one mark.
3. For each question, after selecting your answer, darken the appropriate circle corresponding to the same question number on the **OMR** sheet.
4. Darkening two circles for the same question makes the answer invalid.

Q.NO.	Questions	Marks	CO	RBTL
1	What is the purpose of the "Prototype" stage in Design Thinking? a) To finalize the solution b) To create testable models of ideas c) To gather user feedback d) To analyze the system requirements	**1**	**2**	**L1**
2	Which of the following is NOT a principle of Design Thinking? a) Human-centered design c) Data security b) Collaboration d) Iterative process	**1**	**2**	**L1**
3	In the IT domain, Design Thinking is most effective when applied to: a) Server configuration optimization b) Cloud migration strategies c) Complex problem-solving and innovation d) Software license management	**1**	**2**	**L1**
4	Which tool is commonly used in Design Thinking to visualize user journeys? a) ER diagrams c) PERT charts b) Data flow diagrams d) User journey maps	**1**	**2**	**L1**
5	Which principle is key for successful virtual Agile collaboration? a) Maximize offline meetings b) Trust and transparency within the team c) Centralized control of tasks d) Rigid hierarchy	**1**	**2**	**L1**
6	What is the primary focus of Design Thinking in IT? a) Reducing IT infrastructure costs b) Creating user-centric solutions c) Maximizing system performance d) Automating all processes	**1**	**2**	**L1**
7	A scenario-based prototype is typically focused on: a) User interaction in a specific context b) Low-fidelity modeling c) Backend performance optimization d) Large-scale system integration	**1**	**2**	**L1**

8	BPM combined with Design Thinking is most useful for: a) Enhancing software code efficiency b) Visualizing user-centric workflows and improving them c) Managing cloud resources d) Increasing database capacity	**1**	**2**	**L1**
9.	What is a common challenge of Agile in virtual collaboration environments? a) Lack of coding standards b) Difficulty in creating prototypes c) Increased software bugs d) Poor communication and coordination	**1**	**2**	**L1**
10.	What is the main purpose of scenario-based prototyping? a) To test system performance b) To simulate user interactions and workflows c) To automate repetitive tasks d) To finalize the design process	**1**	**2**	**L1**
11	In the design-thinking process, what is the first question to answer? a) What do people need? c) Is this idea feasible? b) Will this idea make money? d) How can this be implemented?	**1**	**1**	**L1**
12	Inventions that can be commercialized and are launched to market are called as innovations. a) True b) False	**1**	**1**	**L1**
13	Collaborative teamwork is essential in design thinking for a) Equal Importance to all members b) Solving multifaceted problems c) Unbiased Selection of ideas d) None of the above	**1**	**1**	**L1**
14	MVP stands for a) Minimum viable product b) Maximum variation product c) Minimum variation product d) Minimum viable product	**1**	**1**	**L1**
15	To empathize, one has to a) Observe b) Engage c) Listen d) All of the above	**1**	**1**	**L1**
16	Ideate means a) To rapidly change. b) When you create a 3D model of your design. c) The process for creating and sharing ideas where you use images and sketches instead of words to describe your idea. d) When you brainstorm ideas, get feedback, create an initial design, share the design, and iterate.	**1**	**1**	**L1**
17	A prototype on the prototype stage should include all of these characteristics except which? a) Scaled-down c) Quickly assembled b) Low-cost d) Final version	**1**	**1**	**L1**
18	The ultimate goal of design thinking is to help you design better a) Encourage the person to talk about experiences. b) Encourage short answers that get right to the point. c) Ask follow-up questions to get more information. d) Try to uncover needs people may or may not be aware of.	**1**	**1**	**L1**
19	Describe the below given new product? a) Its modern. c) Innovative. b) Not comfortable. d) The design is complicated.	**1**	**1**	**L2**

20	Rashmi is creating a new product for Architectural college students. She takes a design-thinking approach. Her first step is, addressing who she is creating the product for? And conducts research on understanding this target market. What is this step in the design thinking process? a) Define b) Ideate c) Empathize d) Prototype	**1**	**1**	**L2**
21	In strategic innovation, “thinking outside the box” often leads to: a) Process automation b) Incremental changes b) Radical new business models d) Reduced competition	**1**	**3**	**L1**
22	A ride-hailing service identifies its customer segment as "urban commuters who value convenience." This is an example of: a) Value proposition c) Standardization b) Key resources d) Customer segmentation	**1**	**3**	**L1**
23	What is the purpose of growth storytelling in strategy? a) To explain technical details of a product b) To eliminate user feedback c) To present data in an engaging and relatable way d) To create complex business models	**1**	**3**	**L1**
24	A start-up founder shares the story of overcoming financial struggles to inspire employees and attract investors. What is this an example of? a) Vision alignment c) technical demonstration b) Design Thinking d) Growth storytelling	**1**	**3**	**L1**
25	In storytelling, a business showcases its success in adapting to market changes using analytics tools. What is this an example of? a) Data storytelling c) Business prototyping b) Empathy mapping d) Agile methodology	**1**	**3**	**L1**
26	What does "change sense-making" involve? a) Minimizing employee feedback during transitions b) Understanding the impact of external and internal changes on strategy c) Creating rigid strategies d) Ignoring disruptive market trends	**1**	**3**	**L1**
27	A luxury car brand adds AI-powered safety features to create a competitive edge. This is an example of: a) Value redefinition c) Market de-escalation b) Scenario-based prototyping d) Standardization	**1**	**3**	**L1**
28	In the context of extreme competition, what does “experience design” mean? a) Focusing solely on cost reduction b) Designing customer interactions that build emotional connections c) Avoiding experimentation with new designs d) Copying competitor strategies	**1**	**3**	**L1**
29	What is the purpose of rapid prototyping? a) To finalize a design b) To avoid iterative processes c) To create high-fidelity final products d) To quickly test ideas and gather feedback	**1**	**3**	**L1**
30	A business focuses on delivering value to customers at a lower cost than competitors. Which part of the Business Model Canvas does this address? a) Key resources c) Revenue streams b) Value proposition d) Customer segments	**1**	**3**	**L1**

31	During a Design Thinking workshop, what is typically the first activity? a) Creating a prototype c) Building user personas b) Empathizing with users d) Testing a solution	**1**	**4**	**L1**
32	What is the primary focus of the "Empathize" stage in Design Thinking? a) Designing a product based on assumptions b) Developing technical solutions c) Understanding user needs and pain points d) Gathering financial requirements	**1**	**4**	**L1**
33	In a Design Thinking workshop, brainstorming solutions typically happens in which stage? a) Prototype c) Test b) Ideate d) Empathize	**1**	**4**	**L1**
34	Which method is most commonly used during the Empathize stage? a) Surveys and interviews c) Budget analysis b) Software testing d) Revenue tracking	**1**	**4**	**L1**
35	In a Design Thinking workshop, why is the Empathize stage crucial? a) It sets budget expectations for the project. b) It ensures solutions are grounded in real user needs. c) It focuses solely on creating prototypes. d) It eliminates the need for testing.	**1**	**4**	**L1**
36	In the Ideate stage, what is the main focus? a) Generating creative and diverse ideas b) Refining a prototype c) Implementing a final solution d) Conducting user interviews	**1**	**4**	**L1**
37	What is the role of constraints in the Ideate stage? a) To limit creativity b) To guide realistic and actionable ideas c) To finalize the design d) To test prototypes	**1**	**4**	**L1**
38	What is the purpose of creating prototypes in Design Thinking? a) To finalize a product design b) To test assumptions and gather feedback c) To develop marketing strategies d) To analyze sales trends	**1**	**4**	**L1**
39	A Design Thinking team invites users to interact with a new app prototype to collect feedback. This is an example of which stage? a) Test c) Empathize b) Ideate d) Prototype	**1**	**4**	**L1**
40	What is one key activity in the Test stage? a) Building empathy maps b) Observing how users respond to solutions c) Generating new ideas d) Designing user personas	**1**	**4**	**L1**
41	One needs to have professional training in design to become a design thinker a) True b) False	**1**	**1**	**L1**
42	In prototyping one should keep in mind a) Fail-fast b) Fail-often c) Fail-cheap d) All of these	**1**	**1**	**L1**
43	What method is used in Discover Phase to build empathy? a) Personal c) Interview b) Journey Map d) Rose thorn bud	**1**	**1**	**L1**

44	Drawing is one of the techniques related to mind mapping a) Agree b) Disagree	**1**	**1**	**L1**
45	The four steps of canonical prototyping iteration are i. Developing a prototype to exemplify a possibility ii. Imaging possibilities iii. Receiving feedback on the prototype iv. Re-evaluating limitations. Choose the correct order of these steps a) i-ii-iii-iv b) ii-i-iii-iv c) ii-i-iv-iii d) iv-iii-ii-i	**1**	**1**	**L1**
46	Journey mapping maps which phase of activity of service for a customer? a) Before a service c) During a service b) After a service d) All of the above	**1**	**1**	**L1**
47	---------- is used with the objective of identifying needs that customers are often unable to articulate. a) Mind mapping c) Experience mapping b) Story telling d) Rapid Concept Development	**1**	**1**	**L1**
48	It is a close relative of visualization another way to make new ideas feel real and compelling a) Prototype c) Co-creation b) Learning launches d) Storytelling	**1**	**1**	**L1**
49	When people hear the term “innovation process,” concept development may be the only thing they think of, and they often equate it with . a) Assumption testing c) Visualization b) Brain storming d) Discussing	**1**	**1**	**L1**
50	Chocolate needs to be transported around the globe. It can melt at high temperatures during transportation. The company Hershey’s was looking for packaging solutions that: Would withstand the change in ambient temperature. i. Were lightweight and affordable. ii. Tempering melted chocolates at a temperature of 24°C or below. iii. Would maintain the chocolate at a temperature of 75°F or below for 48 hours. Which of the statements given above is/are correct? a) i-ii-iii b) i-iii-iv c) ii-iii-iv d) i-ii-iv	**1**	**1**	**L2**

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Version: D

SJC INSTITUTE OF TECHNOLOGY

(An Autonomous Institute under VTU, Belagavi)

FIRST SEMESTER B.E DEGREE SEMESTER END EXAMINATIONS, FEB 2025

Course:	**INNOVATION AND DESIGN THINKING**		
Course Code:	**BIDT108**	**Branch: EC, CV,IS & AIML**	
Max Marks:	**50**	**Duration:**	**1 Hour**

INSTRUCTIONS TO THE CANDIDATES

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2. Answer all the **fifty** questions, each question carries one mark.
3. For each question, after selecting your answer, darken the appropriate circle corresponding to the same question number on the **OMR** sheet.
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Q.NO.	Questions	Marks	CO	RBTL
1	In strategic innovation, "thinking outside the box" often leads to: a) Process automation b) Incremental changes b) Radical new business models d) Reduced competition	**1**	**3**	**L1**
2	A ride-hailing service identifies its customer segment as "urban commuters who value convenience." This is an example of: a) Value proposition c) Standardization b) Key resources d) Customer segmentation	**1**	**3**	**L1**
3	What is the purpose of growth storytelling in strategy? a) To explain technical details of a product b) To eliminate user feedback c) To present data in an engaging and relatable way d) To create complex business models	**1**	**3**	**L1**
4	A start-up founder shares the story of overcoming financial struggles to inspire employees and attract investors. What is this an example of? a) Vision alignment c) technical demonstration b) Design Thinking d) Growth storytelling	**1**	**3**	**L1**
5	In storytelling, a business showcases its success in adapting to market changes using analytics tools. What is this an example of? a) Data storytelling c) Business prototyping b) Empathy mapping d) Agile methodology	**1**	**3**	**L1**
6	What does "change sense-making" involve? a) Minimizing employee feedback during transitions b) Understanding the impact of external and internal changes on strategy c) Creating rigid strategies d) Ignoring disruptive market trends	**1**	**3**	**L1**
7	A luxury car brand adds AI-powered safety features to create a competitive edge. This is an example of: a) Value redefinition c) Market de-escalation b) Scenario-based prototyping d) Standardization	**1**	**3**	**L1**

8	In the context of extreme competition, what does “experience design” mean? a) Focusing solely on cost reduction b) Designing customer interactions that build emotional connections c) Avoiding experimentation with new designs d) Copying competitor strategies	**1**	**3**	**L1**
9.	What is the purpose of rapid prototyping? a) To finalize a design b) To avoid iterative processes c) To create high-fidelity final products d) To quickly test ideas and gather feedback	**1**	**3**	**L1**
10.	A business focuses on delivering value to customers at a lower cost than competitors. Which part of the Business Model Canvas does this address? a) Key resources c) Revenue streams b) Value proposition d) Customer segments	**1**	**3**	**L1**
11.	During a Design Thinking workshop, what is typically the first activity? a) Creating a prototype c) Building user personas b) Empathizing with users d) Testing a solution	**1**	**4**	**L1**
12.	What is the primary focus of the “Empathize” stage in Design Thinking? a) Designing a product based on assumptions b) Developing technical solutions c) Understanding user needs and pain points d) Gathering financial requirements	**1**	**4**	**L1**
13.	In a Design Thinking workshop, brainstorming solutions typically happens in which stage? a) Prototype c) Test b) Ideate d) Empathize	**1**	**4**	**L1**
14.	Which method is most commonly used during the Empathize stage? a) Surveys and interviews c) Budget analysis b) Software testing d) Revenue tracking	**1**	**4**	**L1**
15.	In a Design Thinking workshop, why is the Empathize stage crucial? a) It sets budget expectations for the project. b) It ensures solutions are grounded in real user needs. c) It focuses solely on creating prototypes. d) It eliminates the need for testing.	**1**	**4**	**L1**
16.	In the Ideate stage, what is the main focus? a) Generating creative and diverse ideas b) Refining a prototype c) Implementing a final solution d) Conducting user interviews	**1**	**4**	**L1**
17.	What is the role of constraints in the Ideate stage? a) To limit creativity b) To guide realistic and actionable ideas c) To finalize the design d) To test prototypes	**1**	**4**	**L1**
18.	What is the purpose of creating prototypes in Design Thinking? a) To finalize a product design b) To test assumptions and gather feedback c) To develop marketing strategies d) To analyze sales trends	**1**	**4**	**L1**

19.	A Design Thinking team invites users to interact with a new app prototype to collect feedback. This is an example of which stage? a) Test c) Empathize b) Ideate d) Prototype	**1**	**4**	**L1**
20.	What is one key activity in the Test stage? a) Building empathy maps b) Observing how users respond to solutions c) Generating new ideas d) Designing user personas	**1**	**4**	**L1**
21	In the design-thinking process, what is the first question to answer? a) What do people need? c) Is this idea feasible? b) Will this idea make money? d) How can this be implemented?	**1**	**1**	**L1**
22	Inventions that can be commercialized and are launched to market are called as innovations. a) True b) False	**1**	**1**	**L1**
23	Collaborative teamwork is essential in design thinking for a) Equal Importance to all members b) Solving multifaceted problems c) Unbiased Selection of ideas d) None of the above	**1**	**1**	**L1**
24	MVP stands for a) Minimum viable product b) Maximum variation product c) Minimum variation product d) Minimum viable product	**1**	**1**	**L1**
25	To empathize, one has to a) Observe b) Engage c) Listen d) All of the above	**1**	**1**	**L1**
26	Ideate means a) To rapidly change. b) When you create a 3D model of your design. c) The process for creating and sharing ideas where you use images and sketches instead of words to describe your idea. d) When you brainstorm ideas, get feedback, create an initial design, share the design, and iterate.	**1**	**1**	**L1**
27	A prototype on the prototype stage should include all of these characteristics except which? a) Scaled-down c) Quickly assembled b) Low-cost d) Final version	**1**	**1**	**L1**
28	The ultimate goal of design thinking is to help you design better a) Encourage the person to talk about experiences. b) Encourage short answers that get right to the point. c) Ask follow-up questions to get more information. d) Try to uncover needs people may or may not be aware of.	**1**	**1**	**L1**
29	Describe the below given new product? a) Its modern. c) Innovative. b) Not comfortable. d) The design is complicated.	**1**	**1**	**L2**
30	Rashmi is creating a new product for Architectural college students. She takes a design-thinking approach. Her first step is, addressing who she is creating the product for? And conducts research on understanding this target market. What is this step in the design thinking process? a) Define b) Ideate c) Empathize d) Prototype	**1**	**1**	**L2**

31	One needs to have professional training in design to become a design thinker a) True b) False	**1**	**1**	**L1**
32	In prototyping one should keep in mind a) Fail-fast b) Fail-often c) Fail-cheap d) All of these	**1**	**1**	**L1**
33	What method is used in Discover Phase to build empathy? a) Personal c) Interview b) Journey Map d) Rose thorn bud	**1**	**1**	**L1**
34	Drawing is one of the techniques related to mind mapping a) Agree b) Disagree	**1**	**1**	**L1**
35	The four steps of canonical prototyping iteration are i. Developing a prototype to exemplify a possibility ii. Imaging possibilities iii. Receiving feedback on the prototype iv. Re-evaluating limitations. Choose the correct order of these steps a) i-ii-iii-iv b) ii-i-iii-iv c) ii-i-iv-iii d) iv-iii-ii-i	**1**	**1**	**L1**
36	Journey mapping maps which phase of activity of service for a customer? a) Before a service c) During a service b) After a service d) All of the above	**1**	**1**	**L1**
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39	When people hear the term “innovation process,” concept development may be the only thing they think of, and they often equate it with . a) Assumption testing c) Visualization b) Brain storming d) Discussing	**1**	**1**	**L1**
40	Chocolate needs to be transported around the globe. It can melt at high temperatures during transportation. The company Hershey’s was looking for packaging solutions that: Would withstand the change in ambient temperature. i. Were lightweight and affordable. ii. Tempering melted chocolates at a temperature of 24°C or below. iii. Would maintain the chocolate at a temperature of 75°F or below for 48 hours. Which of the statements given above is/are correct? a) i-ii-iii b) i-iii-iv c) ii-iii-iv d) i-ii-iv	**1**	**1**	**L2**
41	What is the purpose of the “Prototype” stage in Design Thinking? a) To finalize the solution b) To create testable models of ideas c) To gather user feedback d) To analyze the system requirements	**1**	**2**	**L1**
42	Which of the following is NOT a principle of Design Thinking? a) Human-centered design c) Data security b) Collaboration d) Iterative process	**1**	**2**	**L1**

43	In the IT domain, Design Thinking is most effective when applied to: a) Server configuration optimization b) Cloud migration strategies c) Complex problem-solving and innovation d) Software license management	**1**	**2**	**L1**
44	Which tool is commonly used in Design Thinking to visualize user journeys? a) ER diagrams c) PERT charts b) Data flow diagrams d) User journey maps	**1**	**2**	**L1**
45	Which principle is key for successful virtual Agile collaboration? a) Maximize offline meetings b) Trust and transparency within the team c) Centralized control of tasks d) Rigid hierarchy	**1**	**2**	**L1**
46	What is the primary focus of Design Thinking in IT? a) Reducing IT infrastructure costs b) Creating user-centric solutions c) Maximizing system performance d) Automating all processes	**1**	**2**	**L1**
47	A scenario-based prototype is typically focused on: a) User interaction in a specific context b) Low-fidelity modeling c) Backend performance optimization d) Large-scale system integration	**1**	**2**	**L1**
48	BPM combined with Design Thinking is most useful for: a) Enhancing software code efficiency b) Visualizing user-centric workflows and improving them c) Managing cloud resources d) Increasing database capacity	**1**	**2**	**L1**
49	What is a common challenge of Agile in virtual collaboration environments? a) Lack of coding standards b) Difficulty in creating prototypes c) Increased software bugs d) Poor communication and coordination	**1**	**2**	**L1**
50	What is the main purpose of scenario-based prototyping? a) To test system performance b) To simulate user interactions and workflows c) To automate repetitive tasks d) To finalize the design process	**1**	**2**	**L1**