	CBC	3 SCHEME	BIDTK158	/BIDTK258/22BD16
USN			Question	Paper Version : A
First/Secon		./B.Tech./B.Des.) - /	nation,Dec.2023/Jan.2024 Ing
Time:	1 hrs.]		3	[Max. Marks: 50
	I.	NSTRUCTIONS T	O THE CANDII	DATES
1.	Answer all the fifty	questions, each ques	stion carries one ma	ırk.
2.	Use only Black bal	l point pen for writin	ng / darkening the o	circles.
3.	The state of the s	after selecting you he same question a	4	the appropriate circle R sheet.
4.	Darkening two circ	les for the same ques	tion makes the ans	wer invalid.
5.	Da maging/overwr prohibited.	iting, using white	ners on the OM	IR sheets are strictly
1.	a) Understand > Drag b Empathize > Defi c) Empathize > Desi	ign thinking process ir w > Ideate > Crate > T ie > Ideate > Prototyp gn > Implement > Prot ine > Ideate > Produce	est Test luce > Test	
2.	The comprehensive a) Relationship c) Communication	principle of design thin	b) Collaboration	e
3.	Design Thinking typ of Innovation c) Marketing Manag		b) Data Analysis d) Operation Mana	gement
4.	patients. However,	Mr. ABC doesn't was cording to the design	nt anything to do wi thinking process, Mr	g homes to use with their th older adults or people . ABC will face problems
	Dethering	b) Creativity	c) Practicality	d) Imagination
5.	a) interest	ign thinking do not inc b) Implementation	c) Inspiration	d) Ideation

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b) The ideate stage d) The testing stage

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7.	 Collecting is an important por design. 	rtion of testing a prote	otype in the test stage
	a) Pictures b) Money	c) Feedback	d) E mails
8.	a) Test ideas	b) Validate ideas	on used to
,	c) Both	d) None of these	de la companya della
9.	ldentify the correct statement a) To derive the power of design thinking	e, individuals, teams	and organizations mus
•	have a leap of faith about the existence b) Leap of faith is the page in the manu philosophy about design thinking c) Design thinking presupposes that son successful in creative product develop person. d) None of these	e of a solution. ual of design thinking ne people are inherent	containing the core
	d) None of these		
10.	Which is not basic modes of thinking? a) Analytical	(a) Critical	d) Synthetic
11.	Design thinker in an organization are a) People	b) Employees	
	c) Managers	a) All of these	A1.
		Aug.	47
۱2.	 What is the main objective of the empathiz a) Understanding the problem 	e stage in design thinkii b) Generating ideas	ng?
	a) Orderstanding the problem	d) Building prototype	. e.
	Car institution and street institution	al panang brotogh	•
	 Mind mapping diagram provides informati a) Customer and product interaction 		
-	c) Visualization of problem statement	is S	
	d) None of these	1200	
	 Value chain analysis process provides Better understanding of customer expect 	ations	
4	Uncover the information about partners	capabilities	
	c) Better market analysis d) All of these		
5.	opportunities?	ing hypothesis about p	otential new business
	a) Prototype	b) Rapid concept deve	lopment
	c) Ideate	d) Learning launches	
6.	 A visualization activity was performed be company which included information in the a) Images of various types of bulbs produced 	form of	bulb manufacturing
	b) its application suitability to the customer	in the form of stories	
	c) Clears or reduces the possibilities of unm	atched mental models/pi	ctures
	d) All of the above	A - 2 of 6	
	version	V-1010	

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1	 a) To understand what component o b) To understand what component o 	f your idea didn't work
	b) To understand what component of	i your idea worked
	e) Both of them	
	d) None of them	
18.	is a tool to use the	design details and terms to develop new business
	opportunities.	
	a) Visualization	b) Journey mapping
	c) Rapid concept development	d) None of these
1	c) respite concept development	a) riolle or allian
19	Which tool is used for feasibility ch	neck of assumptions of the new business ideas?
17.	a) Value chain analysis	b) Rapid concept development
	c) Prototype	Assumption testing
	c) i lolotype	
20.	Identify the process that brings us	sers and designers together to work towards a shared
	a) Problem statement formulation	b) Customer co-creation
	c) Value chain analysis	d) None of these
21.		ensive learning test to collect market driven data?
	a) Learning launches	b) Prototyping
	c) Customer co-creation	d) None of these
		The state of the s
22.	What is an example of a method fo	
	a) Surveys.	b) Usability testing
	c) Design sprints	d) All of these
23.	in real time called? a) Real Time design interaction or b) Real Time design analysis	750
	c) Real Time design interaction at	
	d) Red Time design interaction of	apture and analysis
24	 What is the main goal of enabling 	efficient collaboration in digital space?
	ar to create a digital environment	where tearn members can easily share ideas, provide
	feedback and work together on	projects in real time.
	b) To develop a project manageme	ent software for team members
	d) To train team members on how	to use design collaboration software
	a) 15 implement video conterenci	ing tools for remote team members
25	5. What is the purpose of user testing	g? y accas for improvement in a product or service.
	b) To create a user-centered design	n
	c) To create empathy map	,··
	d) To conduct user research	
_	4	
2	 which one of the following is no 	t a part of various business process model steps?
	a) Process maps	b) Process detection
	c) Process Insitation	A) Process termination
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17. The goal of the prototype phase is

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27.	An employer Mrs. ABC divides her bus their functions and performance for the b a) Building Product Management b) Business Product Management b) Business Process Modelling		basic components based on
	d) Basic Product Management	4	
28.	What is the main focus of design thinking a) Efficiency b) User-centeredness	b) Cost effective d) Innovation	eness
29.	Which stage in Design Thinking Process	allows for the colla	iboration between designers,

developers and stakeholders? b) Define a) Empathize d) Test c) ideate

30. Which one of the following are advantages of Business Process Modeling?

a) Align operations with business strategy b) Improves process communication

c) Improves operational efficiencies adi All of these

31. How can Design Thinking in IT improve product services and processes?

a) By identifying user needs and pain points

b) By considering different perspectives

c) By rapid prototyping and testing (d) All of these

32. Which one of the following is part of Agile Virtual collaboration approach?

a) Allow openness

b) Establish a culture of continuous communication

c) Develop a culture of courage and flexibility

(d) All of these

33. What is the main benefit of using a design?

a) Efficiency

b) Cost-effectiveness

c) improved user satisfaction d) Innovation

34. Business process modeling replaced the organization's previous effective packages

a) Time and motion study b) Total quality management

C a and b

d) None of these

35. Which method can be used to design complex software programs based on models, both structural and behavioural models?

a) Scenario based prototype

b) Agile discussion

c) Simple prototype

d) None of these

36. For a website development project in an industry, the software developers divide the main project into many smaller projects and adopt an iterative approach to incorporate any changes needed as per frequent customer feedback. This type of approach is found in

-a) Agile method

b) Waterfall method

c) Sprints

d) All of these

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37.	that has to be completed by the team and m				
		b) Sprint			
	c) Experience Design	d) Business Model Design			
38.	Which one is the process of setting goals, company or organization more competitive a) Visualization	procedures and objectives in order to make a			
	b) Strategic management				
	c) Group discussion				
	d) Prototype				
10	Which one of the following is a serious for	San State Co.			
37.	Which one of the following is not part of as a) Disruptive				
	a) Disruptive	b) Radicat			
		d) Architectural			
40.	Which innovation type is related to new concept, product or service which will create new value to the existing market and also create a completely new market? a) Incremental b) Sustaining				
	C) Disruptive				
		d) Radical			
41.	Duration of design thinking workshop can	be			
	a) 2 hrs	~			
	b) 2 days				
	c) one week				
	d) Depends on the context of the workshop				
	or are context of the workshop	No.			
42.	Which one of the following are part of the scope of strategic innovation?				
	a) Managed innovation process	scape of strategic innovation.			
	b) Strategic Alignment	1400			
	c) Industries foresight and implementation				
	All of these				
	and the same of th				
43.	stancingent reters to	ing, it is the evidence of experimentation'. The			
	a) Story telling	-3			
	and Prototyping				
	c) Mind mapping				
	d) Conceptualizing				
44	. How does experience design relate to huma	and the second			
	and a series of the series of	anization in product development?			
	as Experience design focuses on creating a positive user experience while, humanization focuses on making products more user friendly.				
	b) Experience design and humanization are unrelated.				
	c) Experience design and humanization are unrelated. c) Experience design and humanization focuses on creating a positive user experience d) None of the experience.				
	d) None of these	uses on creating a positive user experience			
	. 42-4				
4:	Which one is not part of planning stage of	design thinking workshop?			
	a) Learning goals c) Developing flow of automate	b) Pre-meeting			

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- innovation happens when a new technology completely disrupts existing business or economy and creates a new business model.
 - · a) Incremental

- c) Disruptive d) Radical
- 47. Which of the following is not consideration while representing the story of the product? a) The central idea of the product
 - b) Engaging the participants
 - c) Other products in market
 - d) Incorporate adequate detail
- 48. A company collects, analyses and rework by considering negative feedback to learn and improve to create a solution that is
 - a) Desirable to customer
 - b) Feasible to implement
 - c) Viable for long term success
- d) All of these
- 49. What step of the design process was not considered for this tea pot?



- a) Research and Design
- b) Prototype and Testing
- c) Design and Manufacturing
- d) All of these
- 50. Mr. XYZ is starting a clothing company. Instead of making clothing that fits models, he wants to start thinking about what non models/common people end users need and plan his design around them. Accordingly, he is engaging in a) Design thinking
 - b) Model design

 - c) End user generation
 - d) Model thinking