	CBCS SCHEN	<b>1E</b> 21AS/AE482			
		Question Paper Version : A			
USN					
	Fourth Semester B.E. Degree Exa	760			
	Design Thinking ar				
Time	e: 1 hr.]	[Max. Marks: 50			
	INSTRUCTIONS TO	THE CANDIDATES			
1.	Answer all the fifty questions, each question	n carries one mark.			
2.	Use only Black ball point pen for writing / darkening the circles.				
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.				
5.	Damaging/overwriting, using whiteners on the OMR sheets are strictly				
	prohibited.				
1.	What is Design Thinking?  a) A method facilitated by UX designers				
	b) A process for creative problem solving				
	<ul><li>c) A process to teach design to non-designer</li><li>d) A methodology developed to discard old des</li></ul>	ign methods			
2.	Which of the following principles are not considerate.	A VY			
	a) Embrace Experimentation b)	Profit centric			
	X The state of the	Pattern identification for problem solving			
3.	To empathize, one has to a) Observe b) Engage c)	Listen d) All of these			
4.	Design thinking follows				
	a) Water fall Model b)	Agile methodology			
		None of these			
5.	Which of the following is a key aspect of busing a) Incrementally improving existing products	ess model innovation?			
b) Expanding the current customer base without any changes					
c) Reducing operational costs without altering the business structure					

d) Rethinking how valve is created, delivered and captured.

Which of the following business challenges is most suitable for applying design 6. thinking?

a) Routine financial reporting and book keeping

b) Employee performance appraisal system

c) Developing a new product for changing customer preferences

d) Office space layout optimization.

Helps the design team and client to visualize and handle the design concept. 7. a) Define

b) Ideate

c) Empathise

d) Prototype

8.		ng are not tools of visua b) Images	alization? c) Stories	d) Videos	
	a) Maps	, -			
9.	a) Aural	the most compelling t b) Visual	c) Textual	d) All of these	
10.	Design thinking princal (a) Feasibility	ciple do not include b) Viability	c) Desirability	d) Credibility	
11.	a) Lack of financial r	Why is innovation so hard to do in organization?  Lack of financial resources  Over emphasis on short term goals  Over emphasis on short term goals			
12.	Innovation is defined as  a) The commercialization of a new product or process b) The invention of a new product or process c) A new product or process idea d) The implementation of a new production method.				
13.	a) Money	driver of innovation? b) Creativity	c) Competition	d) Technology	
14.	Which innovation	nethodology focuses	on empathizing with e	nd users to solve their	
	problems? a) Agile	b) Design thinking	c) Six sigma	d) Water fall	
15.	What story telling	tool involves creating	g a vivid mental pictu	are through descriptive	
	language? a) Imagery	b) Acronyms	c) Hyperlink	d) Pum	
16.	a) The main charact	ax ening that grabs the aud	A Series	*	
17.	<ul><li>a) Most valuable pl</li><li>c) Maximum valve</li></ul>	proposition	d) Market value pote	ential	
18	Which phase of the services?  a) Ideation	e innovation process i b) Validation	nvolves turning ideas i c) Execution	nto tangible products or d) Feedback	
19	Frank Robinson de a) Design thinking	fined and coined the te b) Mind mapping	rm c) MVP	d) Hypothesis	
20	a) Generate	b) Structure	c) Visualize	d) All of these	
21	a) Swot analysis	b) Mind mapping	eration in brainstorming c) Flow chatting	d) Regression analysis	
22	a) Idea evaluation	wing is NOT a typical b) Idea synthesis	step in the idea generation.	on process? d) Idea elimination	
	A)				

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23.	hierarchical or branching structure?  a) Spreadsheet  c) Word processor	b) Mind mapping soft d) Presentation softwar	ware
24.	Which of the following is a key benefit of us a) Linear thinking c) Visualization of connections	sing mind mapping for b) Restrictive structur d) Limited creativity	
25.	In the idea generation process what does the a) Structured way of thinking b) Strengths, weaknesses, opportunities, thre c) Systematic workflow of tasks d) Strategic wisdom of teams	•	nd for
26.	Which step in the idea generation process is generated idea? a) Idea evaluation b) Idea synthesis	nvolved combining, re-	fining or expanding on d) Idea elimination
27.	What is the primary goal of conducting A/B a) To test multiple variable simultaneously b) To compare two versions of a variable to c) To measure the overall performance of a d) To generate new ideas for improvement.	determine which perfo	
28.	What is the primary purpose of a control var a) To manipulate the outcome c) To keep condition constant and unchange	b) To observe the de	ependent variable
29.	What is the key in any design thinking process) Empathy c) Designing the solution	ess? b) Defining the proble d) None of these	em
30.	What is the primary goal of conducting A/B a) To test multiple variable simultaneously b) To compare two versions of a variable to c) To measure the overall performance of a d) To generate new ideas for improvement.	determine which perfo	
31.	What is the primary goal of human centered a) Maximizing profits c) Speeding up development	design? b) Solving problems f d) Reducing costs	for users
32.	Which stage of the design thinking prunderstanding user? Needs?  a) Ideation  b) Prototyping	ocess involves define c) Empathize	ing the problem and d) Test
33.	Which method is commonly used to gather prototype? a) Surveys b) A/B testing	qualitative data about to Focus groups	user experiences with a d) Analytics
34.	What is the primary purpose of conducting a) To identify usability issues b) To compare two different design concept c) To gather demographic information about d) To determine the cost of production.	s	ypes?

35.	Which of the following is NOT a key prina) Empathize with users c) Collaborate across disciplines	b) Focus on aesthetics d) Iterate and refine	esign:
36.	That is the primary goal of human centered design?  Maximizing profits  Speeding up development  Maximizing profits  b) Solving problem for users d) Reducing costs		
37.	Which stage of the design thinking understanding user needs?  a) Ideation  b) Prototyping	e) Empathize	d) Test
38.	Human-centric design was re-interpreted a) Hear, create deliver c) Hold, create, deliver	d) Hear, compile, deli	ver
39.	helps the design team and client to a) Define b) Ideate	c) Empathise	d) Prototype
40.	BPM stands for a) Building product management c) Business process management	b) Business product m d) Basic product mana	nanagement agement
41.	a) True b) False	c) Both a and o	d) None of these
42.	a) True b) False	c) Both	d) None of these
43.	<ul><li>a) It helps save time and resources</li><li>c) It eliminates the need for user feedba</li><li>d) It's a one-time effort to create the fin</li></ul>	ck al product.	S)
44.	prototyping? a) Empathize b) Define	c) Test	ther ideation and before d) Implement
45.	a) horizontal prototype     c) Diagonal prototype	d) Domain prototype	
46	During which stage would you want to a) Prototype b) Define	try to "think outside of the c) Ideate	box" d) Empathize
47	a) Prototype b) Define	c) Ideate	d) Test
48	<ul> <li>When making sense of observation at help identify patterns and trends?</li> <li>a) SWOT analysis</li> <li>b) Root cause</li> </ul>		arch, which method car d) Competitive analysis
49		c) Both a and b	d) None of these
50	Design thinking encompasses  a) Desirability  b) Feasibility	c) Viability	d) All of these
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