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WIE	OF TECK	Question Paper Version: A	
Fire	St/Second Semester B.E./B.Tech. Degree	Examination, Nov./Dec. 202	
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Time		[Max. Marks: 50	
DA.	INCEDITORIO TIL	CANDIDATES	
	INSTRUCTIONS TO THE	ECANDIDATES	
1	A 11 d CC		
1.	Answer all the fifty questions, each question carries one mark.		
2.	Use only Black ball point pen for writing / darl	kening the circles.	
3.	For each question, after selecting your answer	er, darken the appropriate circle	
	corresponding to the same question number	on the OMR sheet.	
4	Darkening two circles for the same question ma		
4.			
5.	Damaging/overwriting, using whiteners of	the OMR sheets are strictly	
	prohibited.		
1.	What is the main focus of design thinking?		
	a) The designer b) The user c) The	business d) The technology	
2.	Why is it important to create a shared model in team	n-based design?	
	a) To ensure effective communication and collabora		
	b) To validate assumptions about the solution.		
	c) To test the final product.		
	d) To create a polished final product.	*	
3.	The empathize stage in design thinking is also know	n as the stage.	
	a) Observe stage b) Ideate stage c) Und	erstand stage d) Test stage	
4.	What is the primary goal of the define stage in desig	n thinking?	
	a) To understand the problem and user's needs.	(52.1 L) - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
	b) To generate creative solutions.		
	c) To build and test prototypes.		
	d) To analyze data and feedback.		
5.	Which of the following is not a common technique	used in the define stage?	
	u)	n storming	
	c) User research d) Buil	ding a prototype.	
6.	What is the output of the define stage in design thinl	cing?	
	a) A list of potential solutions b) A cl	ear problem statement and user needs	
147	c) A working prototype d) User	r feedback and data analysis.	

7.	What is the main idea behind the ideate stage? a) To generate a large number of ideas to solve the problem. b) To validate the existing solution.
	c) To identify the problem and user needs. d) To test the prototypes.
8.	Which of the following is not a common technique used in the test stage? a) User testing b) Surveys c) User observation d) Mind mapping.
9.	The test stage in design thinking is also known as the stage. a) Evaluate stage b) Prototype stage c) Understand stage d) Test stage.
10.	Which of the following is an example of a project management software? a) Invision b) Trello c) Google meet d) Adobe XD
11.	What is the main benefit of using a design thinking approach in IT? a) Efficiency b) Cost effectiveness c) Improved user satisfaction d) Innovation.
12.	Which of the following is not a stage in design thinking process? a) Test b) Empathize c) Define d) Plan
13.	What is the primary benefit of using an MVP approach in product development? a) It allows for rapid iteration and feedback b) It guarantees the success of final product c) It saves time and resources d) It ensures a high quality final product.
14.	What tool is used to create a visual representation of a process or work-flow? a) Flow charts b) PERT diagrams c) Gantt charts d) Mind maps
15.	What is an example of a method for conducting user research? a) Surveys b) A/B testing c) Usability testing d) Design sprints
16.	What is the main objective of the empathize stage in design thinking? a) Understanding the problem c) Identifying the user needs d) Building prototypes CMRIT LIBRAR BANGALORE - 560 03
17.	Choose the answer option that reflects a technique that is not used in the empathize stage? a) User interviews b) Surveys c) Brain storming d) User observation
18.	During the empathize stage, what is the main focus of the designer? a) Identifying problems b) Generating ideas c) Understanding the users needs, wants and pain points d) Building prototypes.
19.	What is the primary goal of the ideate stage in design thinking? a) To understand the problem and users needs b) To generate creative solutions c) To build and test prototypes d) To understand the users emotions and perspectives.

20.	What is the output of the ideate stage in design thinking? a) A list of potential solution		
	b) A clear problem statement and user need	.s	
	c) A working prototyped) A deep understanding of the user's emot	ions and perspectives.	
21.	"How might we" questions are generated d	uring which stage of de	sign thinking process?
	a) Empathize b) Define	c) Ideate	d) Test
22	What is the main focus of design thinking i	n IT?	(3)
22.	a) Efficiency	b) Cost effectiveness	*
	c) User-centeredness	d) Innovation	
		July 1	1 1.0
23.	What is an example of a tool to understand		d) Empathy maps
	a) User testing b) User centred design	gn c) Surveys	d) Empany maps
24.	What is the primary goal of the test stage in	design thinking?	
	a) To understand the problem and the users		
	b) To generate creative solutions		•
	c) To build and test a physical or virtual rep	the solution of the solut	ion
	d) To gather feed back and data to improve	die solution.	
25.	What is the main goal of professional prese	entation designers?	
	a) To create visually stunning and effective	presentations	
	b) To generate revenue		
	c) To entertain the audience d) To create a polished final product.		
			Cy'
26.	What is the main focus of profession	onal presentation desi	igners when creating
	presentations?	The leasing and	d) The technology
	a) The designer b) The user	c) The business	d) The technology
27.	What is the main goal of an MVP?	4	
	a) To create a fully featured product	De.	
	b) To validate a product idea and gather fee	edback	
	c) To release a product to the market		
	d) To generate revenue.	CMRIT LI	BRARY
28.	Which of the following is an example of an	MVP?	- 560 037
	a) A fully-featured mobile app.	b) A landing page with	
798	c) A wireframe of a website	d) A working model of	or a car
29.	Which of the following is an example of a	prototype?	
	a) A wireframe of a website	b) A working model of	
	c) A finished mobile app	d) A product brochur	e.
20	What is the first step in reverse engineering	nrocess?	
30.	a) Disassembly b) Analysis	c) Reconstruction	d) Documentation
	at the second se		
31.	Which type of reverse engineering involve	es breaking down a pro-	duct into its constituent
	parts to analyze its design?	b) Functional reverse	engineering
	a) Physical reverse engineeringc) Software reverse engineering	d) Data reverse engin	
	c) Software reverse engineering	of 5	

32.	Which tool is commonly used in reverse e	engineering to create a digital 3D model of:		
	physical object?			
	a) CAD software	b) Design thinking		
	c) Rapid prototyping	d) Usability testing		
22	What is the purpose of reverse engineering	in product design?		
33.	what is the purpose of reverse engineering	b) To improve the product functionality		
	a) To identify the design flawsc) To understand the manufacturing process			
	c) 10 understand the manufacturing process			
34.	Which of the following is not a benefit of re-	everse engineering?		
	a) Improved product design	b) Reduced manufacturing cost		
	c) Enhanced customer satisfaction	d) Increased product development time.		
25	What is the main purpose of reverse engine	ering in product design?		
35.	a) To copy an existing product design	b) To understand how a product works		
	c) To create a new product from scratch	d) To save time in design process.		
36.	Which of the following is not a step in the r	everse engineering process?		
	a) Disassembly (b) Analysis	c) Redesign d) Documentation		
.=	What is the benefits of using reverse engine	pering in product design?		
37.	a) It allows for quick and easy product deve	Nonment		
	b) It helps to identify potential design flaws	olopinom.		
	c) It eliminates the need for product testing.			
	d) It reduces the cost of production.			
38.		only uses reverse engineering in their design		
	process?	NA dimeters		
	a) Automobile b) Fashion	c) Agriculture d) Finance		
39.	What is the purpose of the technical drawin	g in design thinking process?		
37.	a) To communicate design ideas visually	b) To test the usability of a product		
	c) To conduct user research	d) To analyze market trends.		
		O- 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		
40.		a technical drawing used in design thinkin		
	process?	h) A flow chart		
	a) A user persona	b) A flow chart d) A customer journey map.		
	c) A wire frame	d) A customer journey map.		
41.	What is the benefits of creating technical dr	rawings during the design thinking process?		
100	a) It helps to identify user pain points			
	b) It allows for quick iteration and refinement	ent of design ideas		
	c) It provides insight into market trends	CMRIT LIBRARY		
	d) It improves team collaboration.	BANGALORE - 560 037		
40	What tool can be used to create technical di			
42.	a) Adobe photoshop b) Invision	c) Sketch d) Trello		
43.	Which stage of the design thinking process	involves creating technical drawing		
1000070	a) Ideate b) Prototype	c) Test d) Empathize		
	d A			

44.	What is the purpose of creating technical drawings in the design process?
	a) To communicate design ideas to stakeholders b) To generate new design ideas
	c) To conduct user research
	d) To test prototypes.
45.	Which of the following is an example of a tool for creating technical drawing?
	a) Adobe photoshop b) Sketch c) Auto CAD d) Invision
46.	What is the primary goal of the prototype stage in design thinking?
10.	a) To understand the problem and the users needs.
	b) To generate creative solutions.
	c) To build and test a physical or virtual representation of the solution.
	d) To understand the users emotions and perspectives.
47.	Which of the following is not a common technique used in the prototype stage?
	a) Sketching b) Surveys
	c) User observation d) Rapid prototyping.
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48.	What is the output of the prototype stage in design thinking?
	a) A list of potential solutions b) A clear problem statement CMRIT LIBRARY
	b) A clear problem statement c) A working prototype CMRIT LIBRARY BANGALORE - 560 037
	d) A deep understanding of the user's emotions and perspectives.
	d) A deep understanding of the discretions and perspectives
49.	The prototype stage in design thinking is also known as the stage.
	a) Converge stage b) Test stage c) Understand stage d) Prototype stage.
50.	What is the primary benefit of using a prototyping approach in product development?
	a) It saves time and resources
	b) It allows for rapid iteration and feedback
	c) It guarantees the success of the final product
	d) It ensures a high-quality final product.

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	What is the primary benefit of using a prototyping approach in product development? a) It saves time and resources b) It allows for rapid iteration and feedback c) It guarantees the success of the final product d) It ensures a high-quality final product. ******