2 2	GBGS SG	21IDT19/29		
USN		Question Paper Version : A		
		Tech./B.Arch./B.Planning Degree , Jan./Feb. 2023		
		Design Thinking		
		ALL BRANCHES)		
Time	: 1 hr.]	[Max. Marks: 50		
Time.				
	INSTRUCTIONS	S TO THE CANDIDATES		
1.	Answer all the fifty questions, each q	uestion carries one mark.		
2.	Use only Black ball point pen for wi	riting / 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 qu	uestion makes the answer invalid.		
5.	Damaging/overwriting, using wh	iteners on the OMR sheets are strictly		
	prohibited.	ALL		
1.	Design thinking process examines the r a) Iterative approach to design b) Linear approach to design c) Social approach to design d) Analytical approach to design	esults and reframes the problem. This shows the,		
2.	Which of the following follows Ideating a) Develop MVP c) Develop prototype	g process? b) Initiate Production d) Prepare questionnaire		
3.	Design thinking involves a) Result based approach c) Technology based approach	b) Solution based approach d) Business based approach		
4.	Which of the following is part of the to a) Tabulation c) Derivation	olkit of a Design Thinker? b) Story telling d) Calculation		
5.	Preparing scaled model to explain the d a) MVP c) Drawing	esign of a house is an example of, b) Brief d) Prototype		
6.	Prototypes can be built for, a) Products c) Urban projects	<ul><li>b) Financial services</li><li>d) All of the above.</li></ul>		
	Versi	on A - Page 1 of 5		
C				

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7.	a) Journey mapping	tion in the form of stories, maps and image is, b) Value chain analysis d) Visualization
	c) Prototyping	
8.	Which of the following helps in identify customers themselves are unable to articula a) Prototyping c) Experience mapping	ying the needs of the customers which the tte? b) Visualization d) Project definition
		1: 1 liter of Doging Thinker -
9.	"Innovation begins with the eye" indicates	which quality of Design Thinker -
	a) Ability to draw	b) Ability to think
	c) Ability to observe	d) Sharp eyesight
	c) Ability to observe	
	T. D. Iling in Design thinking means	A Communities
10.	To Empathize in Design thinking means,	1) To be covially responsible
	a) To have sympathy	b) To be socially responsible
	c) To understand the technology	d) To understand the user
		A REAL PROPERTY AND A REAL
11	What does Teamwork indicate?	Car
11.		b) Collaborative efforts
	a) Collective Ownership	
	c) Hierarchy in the system	d) Both (a) and (b)
		diama di diama
12.	The presence of multiple products in the r	market to serve the same purpose/use indicates
14.	tich of the following?	)
	which of the following?	b) The products are attractive
	a) There is no one BEST way to design	
	c) The market is large	d) Large number of users
		N
13.	Connecting various thoughts through the I	Design process to the central idea or concept is,
15.		b) Mind Mapping
	a) Journey mapping	d) Assumption testing
	c) User survey	d) Assumption testing
		Merchand and the
14.	Through the co-creation process, the group	ps involved ale,
	a) Users (b) Designers	c) Both (a) and (b) d) None of the above
		C.
15.	The first step of customer journey mapping	g is,
10.	a) Define b) Negotiate	c) Compare d) Select
	a) Define () Regetate	
	"E Economy" has regulted in	63×
16.	"Experience Economy" has resulted in,	h) A stine participation
	a) Passive consumption	b) Active participation
	c) Minimum consumption	d) No participation
		() No participation
	S C	
17	Which of the following contributes to Des	
17:	Which of the following contributes to Des	sign Experience?
17	a) The functional aspect of the product	sign Experience? b) The nature of service
17:	Which of the following contributes to Des a) The functional aspect of the product c) Both (a) and (b)	sign Experience?
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21. Design thinking assists in, b) Creating new choices a) Exploring new possibilities c) Bringing new solutions to the world d) All of these 22. Understanding the design problem involves, a) Asking right questions b) Discussion of history d) None of these c) Displaying the Design brief Which of the following give functional appearance of a product? 23. b) 3D model c) MVP d) Drawings a) Prototype Formulating the brief is an important part of Design Thinking process. The brief is 24. generated from, b) Available technology a) User requirement c) Market analysis d) All of these "Products are shaped by stories that people tell about them". The phrase indicates the 25. importance of, a) Importance of products b) User experience c) Importance of stories ▲ d) Importance of narration What does 'Active Engagement' with the product mean? 26. a) Engaging with the finer aspects of the product beyond the utility. b) Engaging with functional aspects of the product c) Both (a) and (b) d) None of these "It is difficult to think of the right idea for the first time". The statement indicates which 27. of the following is importance after ideation. a) To define all details of the product b) Prepare rapid prototypes c) To think of more ideas d) None of these Standardization is a necessity with 28. a) Industrialization b) Design exploration d) Craft Guilds c) Prototyping Translating an idea into a tangible product in the early stage of design exploration is, 29. a) Visualization b) Imagination d) MVP c) Rapid prototyping Innovation in an organization should be, 30. a) Technology Driven b) Organization driven c) Customer Driven d) Economics driven Identify the advantages of Rapid prototyping, 31. a) Arrive at relevant results b) Arrive at results faster d) All of these c) Allows experimentation Extension of a successful brand or iterating a current product is, 32. a) Revolutionary Innovation b) Evolutionary Innovation d) Dynamic Innovation c) Incremental Innovation Version A - Page 3 of 5

		211DT19/2	
33.	Adapting a product to a new customer base	is,	
	a) Dynamic Innovation	b) Incremental Innovation	
	c) Revolutionary Innovation	d) Evolutionary Innovation	
34.	Organizations focusing on only Incremental Innovation exhibit,		
54.	a) Short sightedness	b) Vulnerability	
	c) Lack of vision	d) All of these	
		0.5	
35.	Which of the following is true about Revolu	itionary Innovation?	
	a) Products are new	b) Customer base is new	
	c) Both (a) and (b)	d) None of these	
	0.	~ #	
36.	Disruptive Innovation results due to,	1) C. Latandard mulity / correigo	
	a) Lack of Technology Application	b) Substandard quality / service	
	c) Lack of Human centered Analysis	d) Lack of investment	
27	"Industrialisation Served Art from utility".	This is statement emphasizes,	
37.	a) Application of Art	b) Standardization	
	c) Humanization	d) Product development	
	c) Humanization		
38.	Product Installation, Repair and Maintenan	ce are part of,	
50.	a) Inbound logistics	b) Operations	
	c) Outbound logistics	d) Services	
39.	Machining and Production are part of,		
	a) Inbound logistics	b) Operations	
	c) Outbound logistics	d) Services	
	Which of the following is not an Agile Col	laborative principle?	
40.	which of the following is not an Agne Cor	b) Customer satisfaction	
	<ul><li>a) Break Silos of the project</li><li>c) Adaptability to project brief</li></ul>	d) Predetermined hierarchy in teams	
	c) Adaptability to project other		
41.	Empathy in design concerns with which of	the following 🧐	
050500	a) Design with a predetermined approach	b) Human centric approach	
	c) Both (a) and (b)	d) None of these	
		Co	
42.	Bulk production of goods which are standa	rdized results in,	
	a) Loss of deeper human engagement	b) Personalizing products	
	c) Consumer engagement passive	d) Both (a) and (c)	
42.0	The three dimensions of collaboration in A	gile are	
43:	a) Awareness, Articulation, Appropriation	b) Awareness, Assertion, Appropriation	
	c) Articulation, Annotation, Awareness	d) Awareness, Articulation, Arbitration	
44.	What are the Five primary activities of val	ue chain model?	
	a) Inbound logistics, operations, outbound	logistics, marketing and sales, technology	
	development		
	b) Inbound logistics, operations, outbound	logistics, marketing and sales, service	
	c) Inbound logistics, operations, infrastruc	ture, HR management, service	
	d) Inbound logistics, procurement, outbou	nd logistics, marketing and sales, service	
45	Walna ahain and his involues which of the	following :	
45.	Value chain analysis involves which of the	b) Distributors	
	a) Partners in production .	d) Both (a) and (b)	
	c) Inventors	A - Page 4 of 5	
	(S)		

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## 21IDT19/29

"The willingness to try something by building it is the evidence of experimentation". The 46. statement refers to, c) Mind mapping d) Conceptualizing b) Prototyping a) Story telling Which of the following is true about design thinking process? 47. b) Iterative a) Non-linear process d) All of these c) Exploratory Narrating design with time as sequence of events, which are ordered is 48. b) Conceptualizing a) Mind mapping d) Ideating c) Story telling Presenting to a client/customer a functional version of a website to complete shopping 49. activity is an example of, b) Prototype a) MVP d) Study Model c) Final product Which of the following is not consideration while representing the story of the product? 50. b) Engaging the participants a) The central idea of the product d) Incorporate adequate detail c) Other products in Market

Version A - Page 5 of 5

5