# ADAG GAMEME

### 6

	Sineling Color	BIDTK158/BIDTK2	58/22BD16
USN	4	Question Paper Ver	sion : A
First/Seco	ond Semester B.E./B.Tech./B.Des.	Degree Examination,De	c.2023/Jan.202
	Innovation and De	(h)	
Time	e: 1 hrs.]	[Max	x. Marks: 50
	INSTRUCTIONS TO	THE CANDIDATES	
		4	
1.	Answer all the fifty questions, each quest	on carries one mark.	
2.	Use only Black ball point pen for writing	g / darkening the circles.	
3.	For each question, after selecting your	answer, darken the approp	riate circle
	corresponding to the same question num	nber on the OMR sheet.	
4.	Darkening two circles for the same questi		
5.	Damaging/overwriting, using whiten	All a	are strictly
	prohibited.		
1.	The stages of the design thinking process in o	rder are	ACCURATION OF THE PARTY OF THE
	a) Understand > Draw > Ideate > Crate > Tes	t.	
	<ul><li>b) Empathize &gt; Define &gt; Ideate &gt; Prototype &gt;</li><li>c) Empathize &gt; Design &gt; Implement &gt; Produ</li></ul>		
	d) Understand > Define > Ideate > Produce >		
2	The comprehensive principle of design think	ng does not include	
2.	a) Relationship	b) Collaboration	
	c) Communication	d) Suppliers	
3.	Design Thinking typically help in  a) Innovation	b) Data Analysis	
	(ATA) N (CONTRACTOR SECTION SE	d) Operation Management	
4.	Mr. ABC wants to design a new bed that he	can sell to nursing homes to u	se with their
	patients. However, Mr. ABC doesn't want	anything to do with older adul	ts or people
	with disabilities. According to the design thi	nking process, Mr. ABC will fa	ce problems
	because he is missing.	-) Prosticulity d) Imagi	nation
	a) Empathy b) Creativity	c) Practicality d) Imagin	nation
5.	The three I's of design thinking do not include		
	a) Interest b) Implementation	c) Inspiration d) Ideat	ion
6.	In design, where does the information used	to put together a problem stat	ement come

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b) The ideate stage

d) The testing stage

from?

a) The design stagec) The define stage

		Zales Jak				
7.		ortion of testing a proto	type in the test stage of			
	design. a) Pictures b) Money	c) Feedback	d) E mails			
		dal of a proposed solutio	in used to			
8.	A pototype is a simple experimental mo	del of a proposed solution	in used to			
	a) Test ideas	b) Validate ideas	Comp			
	c) Both	d) None of these				
			, P			
9.	Identify the correct statement	<sup>79</sup>	· .:			
	a) To derive the power of design thinking, individuals, teams and organizations must have a leap of faith about the existence of a solution.					
	b) Leap of faith is the page in the ma	nual of design thinking	containing the core			
	philosophy about design thinking					
	a) Design thinking presupposes that s	ome people are inherent	tly creative and become			
	successful in creative product devel	opment. The team shoul	d have atleast one such			
	person.					
	d) None of these	Application .				
4.0	Mai Li	Carlon, 1				
10.	Which is not basic modes of thinking?	c) Critical	d) Synthetic			
	a) Analytical b) Judical	c) Critical	a) Syndiene			
44	Design thinker in an organization are					
11.		b) Employees				
	a) People	d) All of these				
	c) Managers	u) An or these				
12	What is the main objective of the empa	thize stage in design thin	king?			
12.	a) Understanding the problem	b) Generating idea	S			
	c) Identifying the user needs	d) Building prototy				
	c) Identifying the user needs	Sunamg prototy				
13.	Mind mapping diagram provides inform	nation about	2			
15.	a) Customer and product interaction	N				
	b) Idea and its interaction among other	ideas				
	c) Visualization of problem statement					
	d) None of these	4				
		X #				
14.	Value chain analysis process provides	Approx				
	a) Better understanding of customer ex	pectations				
C	b) Uncover the information about partr	ners capabilities				
***	c) Better market analysis	4				
	d) All of these					
		<i>f</i>				
15.	Which one of the below helps in ge	nerating hypothesis abo	ut potential new business			
	opportunities?					
	a) Prototype	b) Rapid concept of				
	c) Ideate	d) Learning launch	nes			
No 704		1 by the second	of a hulb manufacturing			
16.	A visualization activity was perform	ned by the employees	on a build manufacturing			
	company which included information i	in the form of				
	a) Images of various types of bulbs produced by the company					
	<ul><li>b) Its application suitability to the customers in the form of stories</li><li>c) Clears or reduces the possibilities of unmatched mental models/pictures</li><li>d) All of the above</li></ul>					
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	TEL 1 C.1			
17.	The goal of the prototype phase is			
	a) To understand what component of your idea didn't work			
	b) To understand what component of your i	dea worked		
	c) Both of them			
	d) None of them			
10	is a tool to you the design	details and terms to develop new business		
18.		details and terms to develop new business		
	opportunities.	b) Journey mapping		
	a) Visualization c) Rapid concept development	d) None of these		
	e) Rapid concept development	d) None of these		
19.	Which tool is used for feasibility check of a	ssumptions of the new business ideas?		
	a) Value chain analysis	b) Rapid concept development		
	c) Prototype	d) Assumption testing		
	o) 11000 JP			
20.	Identify the process that brings users and	designers together to work towards a shared		
	goal.			
	a) Problem statement formulation	b) Customer co-creation		
	c) Value chain analysis	d) None of these		
21.	Which process is a quick and inexpensive l			
	a) Learning launches	b) Prototyping		
	c) Customer co-creation	d) None of these		
22	Wil at it was a large of the defendant of the second or	ting your new york?		
22.	What is an example of a method for conduct			
	a) Surveys	b) Usability testing d) All of these		
	c) Design sprints	d) All of these		
23.	What is the process of collecting and analy	zing data on how users interact with a design		
25.	in real time called?			
	a) Real Time design interaction capture	. 4		
	b) Real Time design analysis			
	c) Real Time design interaction analysis	Co		
	d) Real Time design interaction capture an	d analysis		
	,,	A #		
24.	What is the main goal of enabling efficient	collaboration in digital space?		
	a) To create a digital environment where te	am members can easily share ideas, provide		
Cal	feedback and work together on projects			
	b) To develop a project management softwa	are for team members		
	c) To train team members on how to use de			
	d) To implement video conferencing tools to	or remote team members		
25.	What is the purpose of user testing?			
	a) To gather feedback and identify areas for	improvement in a product or service		
	b) To create a user-centered design			
	c) To create empathy map			
	d) To conduct user research			
26	Which one of the following is not a part of	various husiness process model steps?		
26.		b) Process detection		
	a) Process maps	d) Process termination		

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27.	An employer Mrs. ABC divides her business their functions and performance for the busin a) Building Product Management b) Business Product Management c) Business Process Modelling d) Basic Product Management	is processes into basic components based on less is called:
28.	What is the main focus of design thinking in a) Efficiency c) User-centeredness	b) Cost effectiveness d) Innovation
29.	Which stage in Design Thinking Process all developers and stakeholders?  a) Empathize c) Ideate	b) Define d) Test
30.	Which one of the following are advantages of a) Align operations with business strategy b) Improves process communication c) Improves operational efficiencies d) All of these	of Business Process Modeling?
31.	How can Design Thinking in IT improve pro a) By identifying user needs and pain points b) By considering different perspectives c) By rapid prototyping and testing d) All of these	oduct services and processes?
32.	Which one of the following is part of Agile  a) Allow openness b) Establish a culture of continuous communc) Develop a culture of courage and flexibile d) All of these	nication
33.	What is the main benefit of using a design? a) Efficiency c) Improved user satisfaction	b) Cost-effectiveness d) Innovation
34.	Business process modeling replaced the org a) Time and motion study c) a and b	b) Total quality management d) None of these
35.	Which method can be used to design comp structural and behavioural models?  a) Scenario based prototype c) Simple prototype	b) Agile discussion d) None of these
36.	main project into many smaller projects as	industry, the software developers divide the ad adopt an iterative approach to incorporate er feedback. This type of approach is found in b) Waterfall method d) All of these

37.	A time boxed iteration of continuous development cycle for a planned amount of that has to be completed by the team and made ready for review is called a) Prototyping b) Sprint c) Experience Design d) Business Model Design	work
38.	Which one is the process of setting goals, procedures and objectives in order to make company or organization more competitive?  a) Visualization b) Strategic management c) Group discussion d) Prototype	ike a
39.	Which one of the following is not part of any type of innovation?  a) Disruptive  b) Radical c) Conceptual  d) Architectural	
40.	Which innovation type is related to new concept, product or service which will conew value to the existing market and also create a completely new market?  a) Incremental b) Sustaining c) Disruptive d) Radical	reate
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	
42.	Which one of the following are part of the scope of strategic innovation?  a) Managed innovation process b) Strategic Alignment c) Industries foresight and implementation d) All of these	w
43.	'The willingness to try something by building, it is the evidence of experimentation' statement refers to a) Story telling b) Prototyping c) Mind mapping d) Conceptualizing	. The
44.	<ul> <li>How does experience design relate to humanization in product development?</li> <li>a) Experience design focuses on creating a positive user experience while, humanizate focuses on making products more user friendly.</li> <li>b) Experience design and humanization are unrelated.</li> <li>c) Experience design and humanization focuses on creating a positive user experienced) None of these</li> </ul>	
45.	Which one is not part of planning stage of design thinking workshop?  a) Learning goals b) Pre-meeting c) Developing flow of activity d) Idea testing	

46. \_\_\_\_\_ innovation happens when a new technology completely disrupts existing business or economy and creates a new business model.

a) Incremental

b) Sustaining

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