

CBCS SCHEME

21IDT19/29

USN

--	--	--	--	--	--	--	--	--	--

Question Paper Version : C

**First/Second Semester B.E./B.Tech./B.Arch./B.Planning Degree
Examination, July/August 2022**

Innovation and Design Thinking

(COMMON TO ALL BRANCHES)

Time: 1 hr.]

[Max. Marks: 50

INSTRUCTIONS TO THE CANDIDATES

1. Answer all the fifty questions, each question 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. Being an experimental phase, continuous iterations can take place in which phase:
a) Define b) Empathize c) Prototype d) None of these
 2. Which of the following is not tools of Design thinking?
a) Co-creation b) Prototyping c) Mind Mapping d) On-Line Marketing
 3. Journey mapping maps which phase of activity of service for a customer?
a) Before a service b) During a service c) After a service d) All of these.
 4. Value chain analysis examines how an organization interacts with value chain partners to _____ new offerings.
a) Produce b) market c) Distribute d) All of these.
 5. A prototype is simple experimental model of a proposed solution used to :
a) Test Ideas b) Validate Ideas c) Both a and b d) None of these
 6. A Hypothesis is _____.
a) statement indicating the profitability of company
b) statement indicating the Delivery time of a product
c) conjecture that is grounded in support background originating from secondary research
d) None of the above
 7. What is you first model/design of a product called:
a) Draft b) Rough draft c) Prototype d) Practice design
 8. To Ideate is :
a) To change rapidly b) creating 3D model of your design
c) Creating and sharing ideas using Images/Sketches to describe your idea
d) Selling a product/service at huge profit

21IDT19/29

25. Collaborative teamwork is essential in design thinking for
 - a) Making profit
 - b) Closing down the operations
 - c) Better failure management
 - d) None of these
26. The ultimate goal of design thinking is to help designing:
 - a) Better service
 - b) Better products
 - c) Both a and b
 - d) None of these
27. Design thinking is typically a
 - a) Non-linear process
 - b) Linear process
 - c) Both a and b
 - d) None of these
28. Design thinking follows
 - a) Waterfall model
 - b) Agile Methodology
 - c) Both a and b
 - d) None of these
29. _____ is an iterative and incremental method of managing development and design.
 - a) Waterfall model
 - b) Agile Methodology
 - c) Cyclic model
 - d) All of these
30. BPM stands for
 - a) Building Project Management
 - b) Basic Product Management
 - c) Business Process Management
 - d) Business Product Management
31. The Tool which uses image and allow us to think nonverbally is
 - a) Value chain analysis
 - b) Journey mapping
 - c) Visualization
 - d) Assumption testing
32. Which tool is used as an ethnographic research method that focuses on tracing customer's journey?
 - a) Journey mapping
 - b) Rapid prototyping
 - c) Visualization
 - d) Mind mapping.
33. Which tool is used in generating hypothesis about potential new business opportunities:
 - a) Rapid concept development
 - b) Mind Mapping
 - c) Both a and b
 - d) None of these
34. In value chain analysis client activity includes :
 - a) Order taking
 - b) Scheduling
 - c) Software development
 - d) All of these
35. Which tool is designed to test the value generating assumptions of a potential new growth initiative?
 - a) Visualization
 - b) Mind Mapping
 - c) Learning Launches
 - d) None of these.
36. Select odd one out:
 - a) Brain storming
 - b) Mind Mapping
 - c) Empathy
 - d) Rapid concept
37. Which of the following statement is correct :
 - a) Design thinking is Convergence-Divergence process
 - b) Design thinking is Lean start-up process
 - c) Design thinking is Linear process for product development
 - d) None of the above.
38. In Design thinking, where does the information used to put together a problem statement came from:
 - a) The Define stage
 - b) Empathize stage
 - c) Testing state
 - d) Prototype stage

