



PAPER ID-310167

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Subject Code: KOE077

Roll No:

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**BTECH**  
**(SEM VII) THEORY EXAMINATION 2023-24**  
**DESIGN THINKING**

**TIME: 3 HRS****M.MARKS: 100**

**Note:** Attempt all Sections. If require any missing data; then choose suitably.

**SECTION A**

**1. Attempt all questions in brief. 2 x 10 = 20**

Qno.	Question	Marks
a.	What is Design Thinking?	2
b.	Define Innovation and Creativity.	2
c.	What do you understand by I (self)?	2
d.	What is Actualization?	2
e.	Define Target Groups.	2
f.	Write about Idea Generation.	2
g.	What is Critical Thinking?	2
h.	State about Tribalism.	2
i.	What is a Logic Condition?	2
j.	Define Scientific Reasoning.	2

**SECTION B**

**2. Attempt any three of the following: 10 x 3 = 30**

a.	Discuss 13 Musical Notes for Design Mindset in management.	10
b.	Describe the gap between desires and actualization with example.	10
c.	What are the Idea Generation-basic design directions?	10
d.	Explain the difference between critical and ordinary thinking.	10
e.	Discuss the concept identifying premises and conclusion with truth and logic conditions	10

**SECTION C**

**3. Attempt any one part of the following: 10 x 1 = 10**

a.	Distinguish between rhetorical and augmentative space.	10
b.	Explain the creativity in teams and their environments.	10

**4. Attempt any one part of the following: 10 x 1 = 10**

a.	Briefly explain the Ethical Behavior and why is it important?	10
b.	Discuss empathy maps and emotional mapping with suitable examples	10

**5. Attempt any one part of the following: 10 x 1 = 10**

a.	Explain Double Diamond Approach with example.	10
b.	What are ideation activity games? Discuss in detail.	10

**6. Attempt any one part of the following: 10 x 1 = 10**

a.	What are critical thinking skills with linking ideas?	10
b.	Discuss the concept cognitive bias, tribalism, and politics.	10

**7. Attempt any one part of the following: 10 x 1 = 10**

a.	Discuss deductive argument with argument diagrams.	10	5
b.	What are the obstacles incurred in critical thinking.	10	5