

24U268

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Name :

Reg. No :

SECOND SEMESTER UG DEGREE EXAMINATION, APRIL 2025

(FYUGP)

CC24UPSY2CJ101 - SCIENCE OF MENTAL PROCESSES

(Psychology - Major Course)

(2024 Admission - Regular)

Time: 2.0 Hours

Maximum: 70 Marks

Credit: 4

Part A (Short answer questions)

Answer *all* questions. Each question carries 3 marks.

1. Describe nativism, and its difference from empiricism in understanding human cognition? [Level:2] [CO1]
2. Illustrate when the inductive reasoning typically more useful than deductive reasoning? [Level:2] [CO1, CO2]
3. Describe insight learning. [Level:2] [CO3]
4. Describe heuristics, and its role in decision-making? [Level:2] [CO2]
5. Describe serial position effect. [Level:2] [CO3]
6. Describe measurement of memory. [Level:2] [CO3]
7. Express the role of organization for remembering. [Level:2] [CO3, CO4]
8. Explain elements of operant conditioning. [Level:2] [CO4]
9. Explain well-structured problem with an example. [Level:2] [CO1, CO2]
10. Make use of the phonological loop to improve the recall of instructions in a noisy or distracting environment. [Level:3] [CO4]

(Ceiling: 24 Marks)

Part B (Paragraph questions/Problem)

Answer *all* questions. Each question carries 6 marks.

11. Determine how the forgetting curve applies to students preparing for exams with different study schedules. [Level:3] [CO3]
12. Describe how heuristics help in problem-solving, and give an example of a situation where heuristics might be useful. [Level:2] [CO1, CO2]
13. Describe cognitive psychology in understanding human thinking and behavior? [Level:2] [CO1]

14. Describe the obstacles to problem-solving and explain how they can prevent effective solutions. [Level:2] [CO1]
15. Explain the Subjective Expected Utility Theory, and illustrate its difference from the traditional economic model of decision-making? [Level:2] [CO1]
16. Make a strategy to reduce interference while preparing for competitive exams. [Level:3] [CO4]
17. Explain sensory memory. [Level:2] [CO3]
18. Apply reinforcement techniques to encourage healthy habits like regular exercise. [Level:3] [CO3]

(Ceiling: 36 Marks)

Part C (Essay questions)

Answer any **one** question. The question carries 10 marks.

19. Describe cognitive and latent learning. [Level:2] [CO3]
20. Explain the concept of decision-making and describe its importance in everyday life. [Level:2] [CO1, CO2]

(1 × 10 = 10 Marks)
