

B A, B SC, B COM DEGREE END SEMESTER EXAMINATION - APRIL 2026**UGP (HONS.) SEMESTER 2: DISCIPLINE SPECIFIC COURSE****COURSE : 24UPSYDSC104 – BASIC COGNITIVE PROCESSES***(For Regular 2025 Admission and Improvement/Supplementary 2024 Admission)*

Time : 1.5 Hours

Max. Marks: 50

Section A**One-word questions carrying 1 mark. Answer all the questions**

1. Focusing on a single conversation in a noisy room while ignoring other voices is an example of (CO1- R)
 - a) Selective attention.
 - b) Sustained attention.
 - c) Divided attention.
2. Concepts that can be clearly defined by a set of rules are called _____ (CO2- R)
 - a. Logical concept
 - b. Natural concept
 - c. Structured concept
3. Book smart is an example of (CO4- A)
 - a. Contextual intelligence
 - b. Creative intelligence
 - c. Componential intelligence
4. A white sheet of paper looks equally bright in sunlight and in shadow, even though it reflects different amounts of light. This is due to _____ (CO2- A)
 - a) Light constancy
 - b) Brightness constancy
 - c) Shadow constancy
5. Rules that guarantee a solution to a specific type of problem. (CO2- R)
 - a) algorithm
 - b) Heuristics
 - c) Backward search

6. Sleep spindles are seen in (CO5- R)
- Stage 1
 - Stage 2
 - Stage 3
7. REM stands for (CO5- U)
- Rapid Eye Movement
 - Repeated Eye Movement
 - Regular Eye Movement
8. When undergoing hypnosis, the patient is not his or her consciousness (CO5- U)
- True
 - False
9. According to arousal theory, people are motivated towards ____ level of arousal.
- their highest (CO3- R)
 - their lowest
 - their optimum
10. Subjective cognitive states + Physiological reaction + expressive behaviors = ____
- Motivation (CO3-U)
 - Emotions
 - Cognition

(1 x 10 = 10)

Section B

Very short answer type questions each carrying 2 marks. Answer any Nine

11. Differentiate between top down processing and bottom up processing of perception. (CO2, L4 - analyze)
12. Explain waking consciousness and altered state of consciousness with an example. (CO5- L2 Understand)
13. As a psychology student how do you analyse EEG. (CO5, L4 - Analyze)
14. Differentiate between latent content and manifest content. (CO5-L3- Analyze)
15. Breakdown stages of sleep. (CO5-L5Analyze)
16. Pictorially represent Maslow's Hierarchy of Needs. (CO3- L6 Create)
17. Review intrinsic and extrinsic motivation? (CO3- L5 Evaluate)

18. Differentiate Semantic memory and Episodic memory (CO2- L1 Remember)
19. Who has given the concept of mental age. Find out the mental age of a 12 year-old child with an IQ of 90. (CO2,CO4, L3 - Apply)
20. Explain retroactive interference and proactive interference. (CO2- L4 Analyze)
21. Shape constancy with example (CO2- L1 Remember)
22. A security guard watching CCTV screens for long periods to detect unusual activity is an example of what kind of attention. Explain (CO2, L3 - Apply)
(2 x 9 =18)

Section C

Long answer type questions carrying 5 marks each. Answer any Two

23. Give a detailed account of Atkinson and Shiffrin model of memory. Explain how information proceeds from one memory system to next according to this model. (CO1, CO2, L2 - Understand)
24. Compare and contrast Cannon-Bard theory and Schachter-Singer. (CO3- L2 Understand)
25. Critically analyze different types of illusion and evaluate their impact on Human Perception. (5 x 2 =10)

Section D

Long answer type questions. Each question carries 12 marks. Answer any One

26. Give a detailed account on various approaches/theories which helps us in understanding motivation. (CO3 - L1 Remember)
27. Humans have a tendency to organize isolated stimuli into groups. Substantiate this with the help of Gestalt principles of grouping. (CO1- L3- Analyze)
28. Howard Gardner's Theory challenges traditional views of intelligence and highlights the diverse ways in which human potential is expressed. Justify (CO2- L5 Evaluate)
(12 x 1 = 12)