

**ST. JOSEPH'S EVENING COLLEGE (AUTONOMOUS)**

**II SEMESTER B.A. [EJP] EXAMINATIONS - APRIL 2019**

**BASIC PSYCHOLOGICAL PROCESSES II**

**Duration: 2.5 Hours**

**Max. Marks: 70**

**SECTION - A**

**I) Choose the right answer for the following from the alternatives. Answer ALL the question. (10x1=10)**

1. A tube like structure that carries the neural message to other cells is the -----  
1. Dendrite 2. Axon 3. Neuron 4. Neurotransmitter
2. The ----- refers to the fact that a neuron either fires completely or does not fire at all.  
1. Resting potential 2. Action potential 3. All-or-none law 4. Neurotransmitter
3. The sleep-wake cycle is a -----rhythm, occurring every 24 hours.  
1. Annual 2. Monthly 3. Circadian 4. Nocturnal
4. Sleep walking is known as-----.  
1. Sleep apnea 2. Somnambulism 3. Narcolepsy 4. Hypnosis
5. The internet, with its series of links from one site to many others is a good analogy for the organization of.....  
1. Short term memory 2. Episodic memory 3. Long term memory 4. Procedural memory
6. When a person "forgets" what someone has just said because he was not paying attention, it is an example of.....  
1. Interference 2. Memory trace 3. Encoding failure 4. repression
7. A concept that is defined by specific rules and features is a .....  
1. Formal concept 2. Basic concept 3. Superordinate concept 4. Subordinate concept.
8. The system of rules for combining words and phrases to make meaningful sentences is called.....  
1. Grammar 2. Phonics 3. Syntax 4. morphology
9. .... refers to the maximum number of items that an individual can attend to at a given moment.  
1. Division of attention. 2. Fluctuation of attention. 3. Selective attention 4. Span of attention.
10. .... in the retina mediate colour vision.  
1. Rods 2. Fovea 3. Cornea 4. cones

## SECTION - B

**II) Answer any FIVE of the following questions. (5x2=10)**

11. What is sensory adaptation?
12. What is the Broca's area responsible for?
13. What is a problem?
14. Define narcolepsy.
15. What is meditation?
16. What are circadian rhythms?
17. What is short-term memory?

## SECTION - C

**III) Write any FOUR of the following questions. (4x5=20)**

18. What are neurotransmitters? Give the functions of any four of them.
19. Write a short note on ABCs of sensation.
20. Discuss stages of sleep.
21. Write a short note on working memory.
22. Explain hypnosis as an altered state of consciousness.
23. What are the different types of concepts?

## SECTION - D

**IV) Answer the following questions. (2x15=30)**

24. Describe in detail the transmission of a neural impulse with an apt diagram.

**OR**

25. Explain the various cues for depth perception.
26. What is problem solving? Describe the barriers to effective problem solving.

**OR**

27. Explain the various strategies for memory improvement.