



*Sambath*

**Avinashilingam Institute for Home Science and Higher Education for Women.**  
(Deemed to be University Estd. u/s 3 of UGC Act 1956, Category 'A' by MHRD)  
Re-accredited with 'A++' Grade by NAAC. Recognised by UGC Under Section 12B  
Coimbatore - 641 043, Tamil Nadu, India

**Continuous Internal Assessment Test II - October - 2024**  
**I SEMESTER**

**Class : I UG**  
**Major: Psychology**

**Time: 2 hours**  
**Maximum Marks: 60**

**23BPSC02 - Introduction to Biopsychology**

**Course Outcomes:**

At the end of the course, students will:

1. Appreciating the biological bases of human behaviour including neural, biochemical, evolutionary, and genetic mechanisms.
2. Developing critical thinking to use scientific techniques for biological psychology and developing an awareness of ethical issues accompanying them.
3. Having basic knowledge about the structures of human brain, their functions, and impact on human behaviour.
4. Understanding biological mechanisms involved in psychological processes such as learning, memory, emotion, motivation, sleep and arousal.
5. Inculcating an applied perspective on psychopathology including disorders such as Amnesias, Korsakoff's Psychosis, Alzheimer disease and Anorexia.
6. Realizing the complex interplay of biological factors with psychological, social, and cultural in shaping human behaviour.

**Part-A**

**6x1=6**

**Choose the correct answer**

1. Circadian rhythms last for  
a. 12 hours    b. 6 hours    c. 24 hours    d. 48 hours    CO3K2
2. REM sleep is also known as  
a. Paradoxical    b. Deep    c. Shallow    d. Long    CO3K1
3. The primary tool used to measure sleep stages is  
a. Electroencephalogram (EEG)    b. Electrocardiogram (ECG)  
c. Polysomnograph    d. CT scan    CO3K2
4. The process in which the internal environment is held constant is known as  
a. Homeostasis    b. Metabolism    c. Digestion    d. Respiration    CO4K3
5. The brain region is primarily responsible for processing emotions is known as  
a. Prefrontal cortex    b. Amygdala    c. Hippocampus    d. Cerebellum    CO4K3
6. The primary characteristic of anorexia nervosa is  
a. Binge Eating    b. Excessive Exercise    c. Restrictive Eating    d. Obesity    CO4K2

**Part- B**

**3x6=18**

**Answer ALL Questions**

**Each answer should not exceed 400 words or two pages**

7. a. Enumerate the Disorders of Sleep.    CO3K4  
(or)
7. b. Illustrate on Theories of Sleep.    CO3K4
8. a. Explain the Circadian Rhythm.    CO3K4  
(or)
8. b. Differentiate the Types of Motivation.    CO4K3
9. a. What role do limbic structures play in Emotional Processing.    CO4K4  
(or)
9. b. Enumerate on Universal Emotions.    CO4K3

**Part-C**

**3x12=36**

**Answer ALL questions**

**Each answer should not exceed 800 words or four pages**

10. a. Enumerate the Physiological Measures of Sleep.    CO3K1  
(or)
10. b. Elaborate on Reticular Activating System and Its Function.    CO3K5
11. a. Delineate the Stages of Sleep.    CO3K2  
(or)
11. b. Enumerate on Anxiety.    CO4K4
12. a. Illustrate on Theories of Emotions.    CO4K3  
(or)
12. b. How are Emotions Recognized and Expressed?.    CO4K5

**No. of Copies: 55+35**

**Staff in-charge: Dr. Sudha. R & Ms. K. Bhuvanaranjani**