



Even Semester End Term Examination, May / June 2026

Date: 25/05/2026

Time: 09.30 AM - 12.30 PM

Course Code: PSY1003

Course Name: Biopsychology

Semester: Second Semester

Max. Marks: 100

Weightage: 50%

CO - Levels	CO1	CO2	CO3	CO4	CO5
Marks	36	26	26	46	36

Part A: Answer Following Questions. 30 M

Qn.No	Questions	M	CO	BT
1	Briefly write about any three parts of neuron.	3	CO1	BT1
2	What is axon potential?	3	CO1	BT1
3	Brief on Wernicke's area and Broca's area.	3	CO2	BT1
4	What are the components of reflex arc?	3	CO2	BT1
5	Define synaptic Plasticity and expand LTP & LTD.	3	CO3	BT1
6	Define epigenetics & mention its significance in psychology.	3	CO3	BT1
7	Mention the two parts of the adrenal gland and their respective hormones	3	CO4	BT1
8	List the structure, location and function of parathyroid gland.	3	CO4	BT1
9	Why is REM Sleep known as paradoxical sleep?	3	CO5	BT1
10	What occurs during brain death?	3	CO5	BT1

Part B: Answer Any 1 Following Questions. 10 M

Qn.No	Questions	M	CO	BT
11	Explain how psychological factors affect PCOS.	10	CO4	BT2
12	Discuss the difference between neurotransmitters and hormones	10	CO4	BT2

Part C: Answer Any 1 Following Questions. 10 M

Qn.No	Questions	M	CO	BT
13	Discuss the basics of genetics to psychological phenomena.	10	CO3	BT2
14	Differentiate between experience-dependent plasticity and structural plasticity.	10	CO3	BT2

Part D: Answer Any 1 Following Questions. 10 M

Qn.No	Questions	M	CO	BT
15	Apply your knowledge of HPA axis and cortisol levels to convince a student who is stressed to learn to relax.	10	CO4	BT3
16	Organise the network of glands and hormones with regard to secretion of thyroxine.	10	CO4	BT3

Part E: Answer Any 1 Following Questions. 10 M

Qn.No	Questions	M	CO	BT
17	Discuss the four lobes of the cerebrum	10	CO2	BT2
18	Explain lateralization of brain functions	10	CO2	BT2

Part F: Answer Any 1 Following Questions. 15 M

Qn.No	Questions	M	CO	BT
19	Explain the different divisions of nervous system in detail.	15	CO1	BT2
20	Discuss the different techniques for studying the brain.	15	CO1	BT2

Part G: Answer Any 1 Following Questions. 15 M

Qn.No	Questions	M	CO	BT
21	Describe the three biological rhythms	15	CO5	BT2
22	Explain the sleep architecture & sleep disorders.	15	CO5	BT2