



WEST BENGAL STATE UNIVERSITY
B.A./B.Sc. Honours 1st Semester Examination, 2019

PSYACOR02T-PSYCHOLOGY (CC2)

BIOPSYCHOLOGY

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.
Candidates should answer in their own words and adhere to the word limit as practicable.*

1. Answer any **five** questions from the following: 2×5 = 10
 - (a) What is action potential?
 - (b) When PET is used?
 - (c) What is synaptic cleft?
 - (d) Write down the parts of the forebrain.
 - (e) What is pineal gland?
 - (f) Define blood-brain barrier.
 - (g) What is phrenology?
 - (h) Write any two functions of the spinal cord.

2. Answer any **four** questions from the following: 5×4 = 20
 - (a) Write a note on reflex arc.
 - (b) What is the cerebellum and its functions.
 - (c) What is a phantom limb and why does it occur?
 - (d) What is the refractory period?
 - (e) Write the functions of the parietal lobe.
 - (f) What are the cranial nerves and their functions?
 - (g) Write note on depolarization and hyperpolarization shift of neurons.

3. Answer any **one** from the following: 10×1 = 10
 - (a) Discuss the structure and functions of the forebrain in detail.
 - (b) Illustrate the major divisions of biopsychology. Write the ethics in biopsychology.
 - (c) Explain the process of EPSPs and IPSPs.

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