

2024



PSYCHOLOGY — HONOURS

Paper : DSCC-3

(Biopsychology)

Full Marks : 75

*The figures in the margin indicate full marks.**Candidates are required to give their answers in their own words as far as practicable.*

1. Write short notes on **any five** (word limit **250** words each) : 5×5
 - (a) Roles of dopamine and serotonin in the brain
 - (b) Action Potential
 - (c) EPSP
 - (d) Memory consolidation
 - (e) Neuroplasticity
 - (f) Structure of Neuron
 - (g) Hypothalamus
 - (h) Endocrine gland.

2. Write **any two** questions (word limit **700** words each) :
 - (a) Discuss in detail the ethics in Biopsychology. 10
 - (b) Explain the functional differences between right brain and left brain. 5+5
 - (c) With the help of a diagram explain synaptic transmission. 10
 - (d) Explain the role of Cortex in emotion. 10
 - (e) Discuss the structure, function and abnormalities of any two endocrine glands. 5+5

3. Write **any two** questions (word limit **1000** words each) :
 - (a) Explain Biopsychology. Discuss any two methods of Biopsychology. 5+10
 - (b) Discuss in detail neurophysiology of learning. 15
 - (c) With the help of a diagram discuss the structure and function of a spinal cord. 15
 - (d) Discuss the structure and function of Peripheral nervous system. 8+7
 - (e) With the help of a diagram discuss the structure and function of Hindbrain and Midbrain. 7+8