

2023

PSYCHOLOGY — HONOURS

Paper : CC-3

(Biopsychology)

[Unit 1-4]

Full Marks : 50

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 notes on *any two* from the following (word limit 300 each) : 5×2
 - (a) Blood-brain barrier
 - (b) Parasympathetic Nervous System
 - (c) HPA Axis
 - (d) Hormones.

2. Answer *any one* question (word limit 800) :
 - (a) Describe the process of neurotransmitter release. 10
 - (b) Discuss the nature and scope of Biopsychology. 5+5
 - (c) Show the different functional areas of the cerebral cortex with the help of a diagram. 8+2

3. Answer *any two* questions (word limit 1000 each) :
 - (a) Describe the structure and function of Autonomic Nervous System. 5+10
 - (b) Describe the structure and function of Hind brain. 15
 - (c) Explain the functions of Spinal cord with the help of a diagram. 15
 - (d) Briefly discuss the dopamine and serotonin hypothesis with suitable diagrams. 8+7

$$\begin{array}{r} 28582 \\ 28397 \\ \hline 185 \end{array}$$

$$\begin{array}{r} 28582 \\ 209 \\ \hline 28606 \end{array}$$

$$\begin{array}{r} 185 \\ 24 \\ \hline 209 \end{array}$$

2023

PSYCHOLOGY — HONOURS

Paper : CC-4

(Psychology of Individual Differences)

Full Marks : 50

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 two* (each within 300 words) : 5×2
 - (a) Self Regulation
 - (b) Purush and Prakriti
 - (c) Idiographic approach towards personality
 - (d) Triguna.

 2. Answer *any one* question (within 800 words) : 10×1
 - (a) Explain the psychometric approach towards intelligence.
 - (b) Discuss the biopsychosocial foundations of personality.
 - (c) What are the characteristics of gifted children? Discuss some specific steps that may be taken for the education of gifted children.

 3. Answer *any two* questions (each within 1000 words) :
 - (a) Define intelligence. Discuss the role of heredity in intelligence. List some environmental factors that may affect intelligence. 2+8+5
 - (b) Critically discuss the topographical model of personality development. 15
 - (c) Describe and critically evaluate Gardner's theory of multiple intelligence. 15
 - (d) Discuss the role of motivation in the development of individuals according to the Self-Determination theory. 15
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