

2024

(FYUGP)

1st Semester

PSYCHOLOGY

(Major)

Paper Code : C-PSY-02

(Biopsychology)

Full Marks : 75

Pass Marks : 40%

Time : 3 hours

The figures in the margin indicate full marks
for the questions

1. (a) What is biopsychology? Discuss the various neuroimaging techniques of biopsychology. 3+12=15

- (b) Describe the scope and the research ethics in biopsychology. 15

2. (a) Explain neuroplastic responses in neuroplasticity. Distinguish between structural and functional neuroplasticity. 6+9=15

(2)

Or

(b) What do you mean by neural degeneration and neural regeneration? Elucidate on the various neuro-degenerative diseases. $6+9=15$

3. (a) Mention the functions of Central Nervous System (CNS). Illustrate the various parts of the CNS. $5+10=15$

Or

(b) Explain the structure and functions of the Peripheral Nervous System. 15

4. (a) Differentiate between ionotropic and metabotropic receptors. Explain the functional significance of acetylcholine and the disorders related to acetylcholine imbalances. $5+10=15$

Or

(b) What is the difference between excitatory and inhibitory neurotransmitter? Elucidate on the various types of excitatory neurotransmitters and their functions. $5+10=15$

(3)

5. (a) Describe the structure, functions and role of pituitary gland. 15

Or

- (b) Elaborate on the functions of thyroid gland. Which are the major disorders of thyroid gland? Explain. 7+8=15

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