

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MSc DEGREE EXAMINATION MAY 2024
(Fourth Semester)

Branch – APPLIED PSYCHOLOGY

NEURO PSYCHOLOGY

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(5 x 1 = 5)

- 1 Which states that the brain is the source of behavior?
(i) Brain theory (ii) Neuron theory
(iii) Neuron (iv) Neuro psychology
- 2 Which visual regions are often referred to as?
(i) Amygdala (ii) Inferotemporal cortex
(iii) Uncus (iv) Insula
- 3 An inability to perform mathematical operations.
(i) Astereognosis (ii) stereognosis
(iii) Acalculia (iv) Temporoparietal
- 4 Damage to the posterior parietal lobe produces _____.
(i) Agnosia (ii) Prosopagnosia
(iii) Optic ataxia (iv) Alexia
- 5 Which scanning methods passes X-rays through the head?
(i) MRI (ii) PET
(iii) FMRI (iv) CT

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks

(5 x 3 = 15)

- 6 a. Describe the importance of cerebrospinal fluid.
OR
b. Explain neuroplasticity.
- 7 a. Outline the Broca's aphasia.
OR
b. Explain how seizure affect emotional behaviour.
- 8 a. Elucidate somato perceptual disorders.
OR
b. Explain the Balient syndrome.
- 9 a. Discuss cerebral blindness.
OR
b. Classify the types of learning disabilities.
- 10 a. Briefly discuss about CT scan.
OR
b. Discuss about the electroencephalogram.

Cont...

SECTION -C (30 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** Marks

(5 x 6 = 30)

- 11 a. Draw the structure and functions of Hind brain.
OR
b. Elaborate the common neurological disorders.
- 12 a. Examine the dysfunctions of prefrontal cortex.
OR
b. Draw and discuss the temporal lobe anatomical structure.
- 13 a. Explain the spatial Dyslexia.
OR
b. Mention the Gerstmann's syndrome.
- 14 a. Elaborate visual agnosia.
OR
b. Discuss the Fragile X syndrome.
- 15 a. Assess the importance of brain imaging technique.
OR
b. Analyze the PET scan.

Z-Z-Z

END