

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086
(For candidates admitted during the academic year 2023 – 2024 and thereafter)

M.Sc. DEGREE EXAMINATION, APRIL 2026

PSYCHOLOGY

SECOND SEMESTER

COURSE : CORE
PAPER : NEUROPSYCHOLOGY
SUBJECT CODE : 23PY/PC/NP24
TIME : 3 HOURS

MAX. MARKS: 100

| Q. No. | SECTION A (4 x 5 = 20 marks) | CO | KL |
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| | Answer all the questions not exceeding 300 words | | |
| 1. | a) List down the key areas and Functions of the frontal lobe. (or) b) Write a short note on hemiplegia . | CO1 | K1 |
| 2. | a) State some common neuropsychological tests and its uses in memory, concept formation and general intelligence. (or) b) Write down the clinical features of Parkinson’s disease. | CO1 | K1 |
| 3. | a) Define neuropsychology and the various branches of neuropsychology. (or) b) Name few personality changes associated with temporal lobe epilepsy. | CO1 | K2 |
| 4. | a) Differentiate between Broca’s and Wernicke’s aphasia. (or) b)List down the faults in conducting and reporting the results of neuropsychological assessment. | CO1 | K2 |
| Q. No. | SECTION B (4 x 10 = 40 marks) | CO | KL |
| | Answer all the questions not exceeding 700 words | | |
| 5. | a) Present the key developments and timelines of the field of human neuropsychology. (or) b)Identify the types of dyslexia along with their primary symptoms. | CO2 | K3 |
| 6. | a) Present a detailed note on modern brain stimulation techniques. (or) b) Demonstrate the conduction of neuropsychological examination through a flow chart. | CO2 | K3 |
| 7. | a) Examine the modern theories of frontal lobe function. (or) b) Distinguish the types of apraxia. | CO3 | K4 |
| 8. | a) Outline the principles of neuropsychological assessment. (or) b)Categorize on the various anatomical divisions and functions of occipital lobe. | CO3 | K4 |
| Q. No. | SECTION C (2 x 20 = 40 marks) | CO | KL |
| | Answer any 2 questions not exceeding 1200 words | | |
| 9. | a) Evaluate the advantages and disadvantages of non-invasive brain imaging techniques. (10 marks) b) Based on the clinical features, develop a treatment plan for Alzheimer’s disease. (10 marks) | CO4 CO5 | K5 K6 |
| 10. | a) Appraise the various tests to identify spatial neglect. (10 marks) b) Develop a battery to assess the functioning of the parietal lobe. (10 marks) | CO4 CO5 | K5 K6 |

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| 11. | a) Compare and Contrast between transcortical motor and transcortical sensory aphasia. (10 marks) b) Develop a comprehensive illustration to show how parietal lobe damage disrupts both tactile and visual object recognition. (10 marks) | CO4 CO5 | K5 K6 |
| 12. | a) Assess the practical issues in conducting a neuropsychological assessment (10 marks) b) Develop a treatment plan for the management of Huntington's disease. (10 marks) | CO4 CO5 | K5 K6 |
