

**PG Degree Regular/Supplementary Examinations in Psychiatry
(MD) January 2025**

Paper I – Basic Sciences Applied to Psychiatry, Clinical Psychology & Sociology

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay:

(20)

1. Describe the executive functions and their role in day to day functioning. Discuss how you would assess the executive functions.

Short Essays:

(8x10=80)

2. Describe the structure, administration and uses of the vineland social maturity scale.
3. Describe the Rorschach Inkblot Test, its administration and clinical uses.
4. Describe what are Groups. What influences Group behaviour.
5. Describe the anatomy and biochemistry of Serotonin synthesis and breakdown in the brain.
6. Discuss the neurobiology of consciousness.
7. Describe the structure and connections of the Hippocampus.
8. Describe the cognitive theory of depression.
9. Discuss linkage analysis and its relevance to psychiatry.
