

**PSYCHIATRY**

PAPER-IV

PSY/D/18/39/IV

Time: 3 hours  
Max. Marks:100

**Important Instructions:**

- *Attempt all questions in order.*
- *Each question carries 10 marks.*
- *Read the question carefully and answer to the point neatly and legibly.*
- *Do not leave any blank pages between two answers.*
- *Indicate the question number correctly for the answer in the margin space.*
- *Answer all the parts of a single question together.*
- *Start the answer to a question on a fresh page or leave adequate space between two answers.*
- *Draw table/diagrams/flowcharts wherever appropriate.*

**Write short notes on:**

1. What is rTMS and describe its principles? Critically review with evidence its role in the management of various psychiatric disorders. 1+(2+7)
2. Etiology, clinical features and management of narcolepsy. 2+4+4
3. Mention some auto immune disorders with their neuro-psychiatric manifestations. Discuss neuro-psychiatric manifestations of SLE and its management. 2+(4+4)
4. What is "brain- gut axis? What is probiotics? What is the probable role of probiotics in preventing depression? 2+2+6
5. What is Vortioxetine? Discuss about indications and mechanism of action of Vortioxetine. 2+(3+5)
6. What is "Treatment Resistant Schizophrenia"? Write about common side effects of Clozapine. What is the management of clozapine Resistant Schizophrenia? 3+3+4
7. Describe the aims and scope of Human Brain Project & Human Connectome Project. What could be its implication for future classification in Psychiatry? (4+4)+2
8. What is Bio-feedback? Name the types and indications of Bio-feedback in Psychiatry. 3+(3+4)
9. What is Gender Identity Disorder? Discuss the indication of sex reassignment surgery. Briefly describe the role of psychiatrist in the team. 3+3+4
10. Write an essay on RDoC. Review its merits and demerits. Describe its possible role in future classification. 2+3+5

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