

**PSYCHIATRY**  
**PAPER-IV**

Time: 3 hours  
Max. Marks:100

PSY/D/19/39/IV

**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. Discuss new antidepressants. Write a note on Vortioxetine. 6+4
2. Write about tobacco withdrawal and recent advances in the treatment of tobacco use disorders. 3+7
3. Role of PET scan in evaluation of neuropsychiatric disorders with specific use of pharmacological and neuropsychological probes. 4+ 6
4. What is deep brain stimulation? Write its role and outcome in treatment of depression. 4+6
5. Write clinical features of tardive dyskinesia(TD). Write about Deuterated tetrabenazine and Valbenazine in management of TD. 7+ 3
6. Write advantage of long acting antipsychotics. Describe the procedure of giving depot antipsychotic. Write note on paliperidone palmitate depot. 4+3+3
7. Role of glutamate and NMDA receptors in psychiatry. 5+5
8. Write about role of rTMS in psychiatric disorders and its advantages over ECT. 5+5
9. Write about the role of ketamine in depression - mechanism of action, side effects and caution. 4+4+2
10. What is amotivation in Schizophrenia? Discuss its management. 6+4

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