

**PSYCHIATRY****PAPER-I**Time: 3 hours  
Max. Marks:100

PSY/D/19/39/I

**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 a defense mechanism? Name the different defense mechanisms. Discuss mature defenses in detail. 2+2+6
2. Define intelligence. Name different tests for evaluation of intelligence. Write in detail about WAPIS and BKT. 2+2+3+3
3. Describe the neuroanatomy of frontal lobe. What is frontal lobe syndrome? 5+5
4. What are amino acid neurotransmitters? What are its neuropsychiatric implications? 5+5
5. Draw a labelled diagram of limbic system. Give details of limbic encephalitis? 5+5
6. What is the theory of regression analysis? Describe one method of regression analysis. 5+5
7. Define delusion. What are the different ways in which delusions are formed? Classify delusions. 2+3+5
8. What is circadian rhythm? Describe circadian sleep disorders and the physiological role of melatonin. 2+5+3
9. What is cognition? Describe theory of cognitive development by Jean Piaget. 2+8
10. Define meta-analysis. List its advantages and disadvantages. Write differences between meta-analysis and systematic review. 2+4+4

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