

PSYCHIATRY

PAPER – I

PSY/J/16/39/I

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. a) What are endophenotypes? 2+8
b) Importance of endophenotypes in Psychiatry.
2. a) Current concept of neurodevelopmental basis of psychiatric disorders. 3+7
b) Neurodevelopmental basis of Autism Spectrum Disorders.
3. a) Sampling techniques for biomedical research. 5+2+3
b) What is meta-analysis?
c) Contribution of meta-analytical studies in Schizophrenia.
4. a) What is Piaget's theory of cognitive development? 2+8
b) Stages of intellectual development according to Piaget's theory.
5. a) What is aggression? 2+8
b) Biological basis of aggression.
6. a) What is electroencephalograph? 2+2+6
b) What are its techniques relevant to Psychiatry?
c) Electroencephalographic alterations associated with psychiatric disorders.
7. You have been called to Emergency to assess a patient with behavioral symptoms. How will you rule out presence of organic disease based on: 6+4
a) Different aspects of history.
b) Examination
8. a) Define epidemiology. 2+8
b) Different types of epidemiological studies in Psychiatry.

P.T.O.

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9. a) What is the importance of classification in Psychiatry? 3+4+3
b) What are the organizing principles of contemporary classification in Psychiatry?
c) Compare current classifications in Psychiatry.
10. a) What are the different parts of prefrontal cortex? 3+3+4
b) Functions of prefrontal cortex.
c) Disorders associated with prefrontal cortex.
