PSYCHIATRY
PAPER – 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?  
b) Importance of endophenotypes in Psychiatry.

2. a) Current concept of neurodevelopmental basis of psychiatric disorders.  
b) Neurodevelopmental basis of Autism Spectrum Disorders.

3. a) Sampling techniques for biomedical research.  
b) What is meta-analysis?  
c) Contribution of meta-analytical studies in Schizophrenia.

4. a) What is Piaget’s theory of cognitive development?  
b) Stages of intellectual development according to Piaget’s theory.

5. a) What is aggression?  
b) Biological basis of aggression.

6. a) What is electroencephalograph?  
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:  
a) Different aspects of history.  
b) Examination

8. a) Define epidemiology. 
b) Different types of epidemiological studies in Psychiatry.

P.T.O.
9. a) What is the importance of classification in Psychiatry?  
   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?  
     b) Functions of prefrontal cortex.  
     c) Disorders associated with prefrontal cortex.