

**PSYCHIATRY**

**PAPER-I**

Time: 3 hours  
Max. Marks:100

PSY/D/20/39/I

**Important Instructions:**

- *You are provided with 5 answer sheet booklets. Each individual answer sheet booklet consists of 10 pages excluding the covering jackets.*
- *Answers to all the questions must be attempted within these 5 answer sheet booklets which must be later tagged together at the end of the exam.*
- *No additional supplementary answer sheet booklet will be provided.*
- *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. Define neurotransmitters. Describe various types of neurotransmitters. Describe role of dopamine in Psychiatry. 2+4+4
2. Write about the functional neuroanatomy of basal ganglia. Discuss the psychiatric implications of basal ganglia. 5+5
3. Define epigenetics. Discuss its contribution and implications in Psychiatry. 2+(4+4)
4. What is emotional intelligence? Describe components of emotional intelligence. Mention the relationship between emotional intelligence and I.Q. 2+4+4
5. Define culture. Describe the role of culture in shaping illness behaviour and symptomatology in mental disorders. 2+8
6. What do you understand by qualitative research? How does it differ from quantitative research in terms of essential features, strengths & limitations? 2+8
7. What is memory? Describe its subtypes and neural correlates. 2+(3+5)
8. What is odds ratio? How does it differ from relative risk? Describe the differences giving examples. 2+8
9. Define sleep. Describe various stages of sleep in brief. Discuss the neurobiology of sleep and wakefulness. 2+3+5
10. a) List the different theories of personality.  
b) Describe the trait theories of personality.  
c) Describe the five-factor model and its significance. 3+3+4

\*\*\*\*\*