

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. 3+3+4
b) Describe the trait theories of personality.
c) Describe the five-factor model and its significance.
