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RAN-2406121001010501

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RAN-2406121001010501

Doctor of Medicine (M.D.) Examination August - 2026
Basic Sciences Related to Psychiatry (Paper - I) (Set - II)

Time: 3 Hours]

[Total Marks: 100

સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book

Seat No.:

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Student's Signature

- Q. 1.** What is neuroplasticity, and how does it contribute to learning and memory formation? 30
- Q. 2.** Write short notes on - 40
- a. Describe the "mirror neuron system." How does it contribute to social cognition and empathy?
- b. The role of basal ganglia contributes to motor control and cognition
- Q. 3.** Write short notes on any three - 30
- a. Explain statistical significance
- b. Motivation and ways to improve it
- c. Default mode network
- d. Precision psychiatry



RAN-2406121001010502

Doctor of Medicine (M.D.) Examination August - 2026
General Adult Psychiatry and related (Paper - II) (Set - II)

Time: 3 Hours]

[Total Marks: 100

સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
 Fill up strictly the above details on your answer book

Seat No.:

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Student's Signature

- Q. 1.** A 20-year-old boy has been brought by his family with altered behavior for one month without any obvious reason. His mother too, has a similar history of muttering to self, suspicious, and lacking self-care. How will you manage the patient, and what is the prognosis of this boy? 30
- Q. 2.** **Write short notes -** 40
- Behavioural addiction
 - Management of Panic disorder
- Q. 3.** **Write short notes on any Three -** 30
- Xanomeline with Tropicium Chloride
 - Neuropsychiatric manifestations of Hypothyroidism
 - Admission process to an inpatient setting as described in MHCA
 - Complex PTSD



RAN-2406121001010503

Doctor Of Medicine Examination August - 2026

Psychiatry (Paper - III)

Time: 3 Hours]

[Total Marks: 100

સૂચના : / Instructions

- (1) ઉપરોક્ત દશવિલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
 Fill up strictly the above details on your answer book

Seat No.:

Student's Signature

- Q.1.** Describe the assessment and management of a 45-year-old widow who seeks help to stop her increasing and continuous alcohol intake. **30**
- Q.2.** Write short notes - **40**
- Juvenile Justice Act
 - Geriatric depression
- Q.3.** Write short notes on any Three - **30**
- Decreasing cognitive side effects with ECT treatment
 - Management of migraine
 - Separation Anxiety
 - Assessment and certification of recipient and donor of kidney transplant

RAN-2406121001010504
Doctor of Medicine (Psychiatry) Examination August - 2026
PAPER - IV
Time: 3 Hours]
[Total Marks: 100
સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book

Seat No.:

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Student's Signature

- Q.1.** Describe the emerging role of Telepsychiatry, Discuss the process and laws governing establishing a Tele centre. **30**
- Q.2.** Write short notes - **40**
- Use of Apps in Psychiatry
 - Pharmacogenomics in psychiatry
- Q.3.** Write short notes on any 3 **30**
- Deep Brain Stimulation
 - Vortioxetine
 - Mindfulness-based Cognitive Therapy
 - Debate on the development of Super specialization in Psychiatry