



**RAN-2406121001010501**
**M.D. (Psychiatry) Examination September - 2025**
**Paper - I (Set - III)**
**Time: 3 Hours ]**
**[ Total Marks: 100**
**સૂચના : / Instructions**
**(1)**

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.  
**Fill up strictly the details of signs on your answer book**

Name of the Examination:

 **M.D. (Psychiatry)**

Name of the Subject :

 **Paper - I (Set - III)**

Subject Code No.: **2406121001010501**

Seat No.:

Student's Signature

- Q. 1.** Describe the blood supply of brain. What is the blood-brain barrier, and what are its functional implications for drug delivery to the brain? **30**
- Q. 2.** Write short notes - **40**
- The function of the corpus callosum
  - The role of the sympathetic and parasympathetic nervous systems in the autonomic regulation of the body?
- Q. 3.** Write short notes on any Three - **30**
- MOCA
  - What is a double blind double dummy randomized study and its significance?
  - Predictive Diagnostics
  - Critique the Biopsychosocial perspective in psychiatry


**RAN-2406121001010502**
**M.D. (Psychiatry) Examination September - 2025**
**Paper-II Set-III**
**Time: 3 Hours ]**
**[ Total Marks: 100**
**સૂચના : / Instructions**
**(૧)**
**નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.**
**Fill up strictly the details of signs on your answer book**
**Name of the Examination:**
**M.D. (Psychiatry)**
**Name of the Subject :**
**Paper-II Set-III**
**Subject Code No.: 2406121001010502**
**Seat No.:**
     
**Student's Signature**

- Q. 1.** A 24-year-old lady visits the emergency section expressing a strong desire to end her life, lacking family support. How will you manage ? **(30)**
- Q. 2.** Write short notes on - **(40)**
- Management of Bulimia in a 20 year old girl
  - Use of psychedelics as treatment in Psychiatry
- Q. 3.** Write short notes on any Three **(30)**
- Clinically relevant findings of Cost Utility of the Latest Antipsychotic drugs in Schizophrenia Study (CUtLASS) trial
  - Brief Dynamic Psychotherapies
  - Assessment & Management of Impotence in a young male
  - Newer Pharmacological management of Alzheimer's Disease





RAN - 2406121001010503

RAN-2406121001010503

M.D. (Psychiatry) Examination September - 2025

Paper - III (Set - III)

Time: 3 Hours ]

[ Total Marks: 100

સૂચના : / Instructions

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નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.  
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Name of the Examination:

M.D. (Psychiatry)

Name of the Subject :

Paper - III (Set - III)

Subject Code No.: 2406121001010503

Seat No.:

Student's Signature

- Q. 1.** A 6-year-old boy is brought to the outpatient clinic by his parents **30**  
with h/o delay in language development. He avoids eye contact, and often  
engages in repetitive play. His teacher notes difficulties in peer relationships.  
Based on the above case, answer the following questions:
- What is the most probable diagnosis? Justify your answer **(5)**
  - What further history and examination and psychological testing would  
you do to support your diagnosis and assess comorbidities? **(5)**
  - Enumerate the differential diagnoses and discuss how you would  
differentiate them from this condition. **(10)**
  - Outline the comprehensive management plan, including psychosocial  
and pharmacological aspects. **(10)**
- Q. 2.** Write short notes on **40**
- Principles of Interpersonal Therapy
  - Critical Appraisal of POCSO Act 2012 implemented on adolescent  
age group
- Q. 3.** Write short notes on any Three - **30**
- Management of agitated elderly patient admitted in ICCU
  - Challenges of OST - Oral Substitution Therapy
  - CYP 2E1 gene and Alcohol
  - Models of Consultation-Liaison Psychiatry

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**RAN-2406121001010504**

**M.D. (Psychiatry) Examination September - 2025**

**Paper - IV (Set - III)**

**Time: 3 Hours ]**

**[ Total Marks: 100**

**સૂચના : / Instructions**

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.

Fill up strictly the details of signs on your answer book

Name of the Examination:

M.D. (Psychiatry)

Name of the Subject :

Paper - IV (Set - III)

Subject Code No.: 2406121001010504

Seat No.:

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Student's Signature

- Q. 1.** Describe and critique the classification systems in psychiatry. **30**
- Q. 2.** Write short notes on - **40**
- Epigenetics in psychiatry
  - Disability certification in Psychiatry
- Q. 3.** Write short notes on any Three - **30**
- Vortioxetine
  - Digital therapeutics
  - Psycho-Oncology
  - Role of Psychiatrist in chronic pain management