THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY

[MD 1025] **OCTOBER 2025** **Sub. Code: 4098**

M.D. DEGREE EXAMINATION

PSYCHIATRY

PAPER IV – RECENT ADVANCES IN PSYCHIATRY

Q.P. Code: 204098

Time: Three Hours **Maximum: 100 Marks**

I. Elaborate on: **(2 x 15 = 30)**

1. Elaborate on the recent epidemiological studies done in India. Critically evaluate the Government initiatives to address the treatment gap for mental disorders in India.

2. Describe the various physical treatment methods used in Psychiatry. Discuss in detail the indications, mechanism of action, procedure and complications of repetitive Transcranial Magnetic Stimulations (rTMS).

II. Write notes on: **(10 x 7 = 70)**

1. Newer antidepressants.
2. Prescribing in Pregnancy and Lactation.
3. Hierarchical Taxonomy of Psychopathology (HiTOP).
4. Virtual reality for Agoraphobia.
5. Ethics in Psychiatry Research.
6. Mindfulness based Cognitive Behaviour Therapy (MbCBT).
7. Nanoparticle based drug delivery system.
8. Gut Brain Axis.
9. Endoxifen.
10. Precision Psychiatry.

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THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY

[MD 0526] **MAY 2026** **Sub. Code: 4098**

M.D. DEGREE EXAMINATION

PSYCHIATRY

PAPER IV – RECENT ADVANCES IN PSYCHIATRY

Q.P. Code: 204098

Time: Three Hours **Maximum: 100 Marks**

I. Elaborate on: **(2 x 15 = 30)**

1. Principles and practices of rehabilitation in psychiatric patients.
2. Discuss Newer Anti psychotics.

II. Write notes on: **(10 x 7 = 70)**

1. Tarasoff case & its importance.
2. Rivastigmine.
3. Adult anti-social behaviour.
4. Self-help groups & their clinical usefulness.
5. Cognitive Behaviour therapy for Depression.
6. Q-T interval in ECG and psychiatric drugs.
7. Koro.
8. Juvenile Justice act.
9. Brain Electrical activity mapping (BEAM).
10. Telepsychiatry.

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