

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

**[MD 1025]**

**OCTOBER 2025**

**Sub. Code: 4095**

**M.D. DEGREE EXAMINATION**

**PSYCHIATRY**

**PAPER I – BASIC SCIENCES AS RELATED TO PSYCHIATRY**

***Q.P. Code: 204095***

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss in detail cultural factors involved in expression, assessment and treatment of mental illness in an individual. Add a note on immigration and mental health.
2. Define Learning. Describe in detail the theories of learning and its application in the treatment of substance use disorders.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Frontal lobe circuits.
2. Novel Neurotransmitters.
3. Genetic Polymorphisms.
4. Theories of Motivation.
5. Imprinting.
6. Role of Functional MRI in Psychiatry.
7. Evidence Based Medicine.
8. Raven's Progressive Matrices.
9. General Adaptation syndrome.
10. Dream analysis.

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