

DIPLOMA IN PSYCHOLOGICAL MEDICINE (DPM) EXAMINATION

APPLIED BASIC SCIENCES AS RELATED TO PSYCHIATRY

(NEURO-ANATOMY, NEUROPHYSIOLOGY, NEURO CHEMISTRY, BIostatISTICS,
GENERAL PSYCHOLOGY, ABNORMAL PSYCHOLOGY, SOCIAL PSYCHOLOGY,
PSYCHOMETRY AND GENETICS)

Q.P.Code: 343065

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Describe the Dopamine pathways in the brain and its role in psychiatric disorders.
2. Describe the theories of intelligence and methods to assess intelligence.

II. Write notes on:

(10 x 7 = 70)

1. N-methyl D-aspartate (NMDA) receptors.
2. Amygdala.
3. Prefrontal cortex.
4. Chi- square test.
5. Classical conditioning.
6. Hierarchy of motivation.
7. Hypothalamic-pituitary-adrenal axis.
8. Thematic Apperception Test.
9. Stress-Diathesis model.
10. Prejudice.
