

**M.D. DEGREE EXAMINATION
BRANCH XVIII – PSYCHIATRY**

PAPER I – BASIC SCIENCES AS RELATED TO PSYCHIATRY

(INCLUDING NEURO ANATOMY, NEUROPHYSIOLOGY, NEUROCHEMISTRY,
BIostatISTICS, GENERAL PSYCHOLOGY, ABNORMAL PSYCHOLOGY, SOCIAL
PSYCHOLOGY, PSYCHOMETRY AND GENETICS AS RELATED TO PSYCHIATRY)

Q.P.Code: 202066

Time: Three Hours

Maximum: 100 Marks

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

1. Describe various theories of Emotions. Critically evaluate James - Lange theory and its clinical implications.
2. Describe the anatomy of Cerebellum and its connections.

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

1. Standard Deviation.
2. Cognitive Dissonance.
3. Tests of Memory.
4. Margaret Mahler.
5. Cholecystokinin.
6. Stages of Sleep.
7. Genetic Mapping.
8. Nucleus Accumbens.
9. Double Bind Theory.
10. SPECT.
