

(LI 172)

APRIL 2016

Sub. Code:2066

**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. Discuss the various defense mechanisms and their understanding in neurotic disorder.
2. Discuss the anatomy of basal ganglia, its clinical application in Psychiatry.

II. Write notes on:

(10 x 7 = 70)

1. Erik Erikson.
2. Endorphins and encephalins.
3. Sphenoidal EEG.
4. Urine screening tests for mental retardation.
5. Operant conditioning, its application in psychiatry.
6. Life events scale.
7. Type I and Type II errors.
8. Reward neural circuits in alcohol dependence.
9. Genotype, phenotype, genome in psychiatric disorders.
10. Rumours, prejudice its impact on society.
