

[LS 172]

NOVEMBER 2020
(OCTOBER 2020 SESSION)
M.D. DEGREE EXAMINATION

Sub. Code: 2066

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. Application of classical conditioning and operant conditioning principles in psychiatry.
2. Assessment of Executive Functions of the Mind.

II. Write notes on:

(10 x 7 = 70)

1. GABA (γ - aminobutyric acid) Receptors.
2. “Priming” in Memory.
3. Sampling and Sampling Strategies.
4. Social Learning.
5. Genome Wide Association Studies (GWAS).
6. James Lange Theory of Emotions.
7. Rapid Eye Movement Sleep (REM).
8. Erik H. Erikson - Eight Stages of the Life Cycle.
9. Structure, Organization and Functions of the Frontal Cerebral Cortex.
10. Peer Group Influence in Adolescence.
