

[LQ 172]

AUGUST 2020
(MAY 2020 SESSION)

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. Synthesis, metabolism and action of neurotransmitter serotonin and its role in psychiatry.
2. Healthy involuntary mental (Ego Defense) mechanisms.

II. Write notes on:

(10 x 7 = 70)

1. Open-versus Closed-ended questions in Psychiatric Interview.
2. Aetiological theories of hallucination.
3. Types of 'Validity' in statistics.
4. Formal and informal groups.
5. Long term potentiation (LTP) in memory.
6. Bender visuo motor gestalt Test (BGT).
7. Non-rapid eye movement sleep (NREM).
8. Stages of dying and death.
9. Circle of Willis.
10. John Bowlby and attachment theory.
