

[LB 172]

OCTOBER 2012

Sub. Code: 2066

**M.D. DEGREE EXAMINATION
BRANCH XVIII – PSYCHIATRY
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 : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Describe the Neurobiology of Memory and its relevance in clinical practice.	16	35	15
2. Erik Erickson's concept of epigenesis and stages of life cycle	16	35	15

II. Write notes on :

1. Projective tests in clinical psychology and indications in day to day practice.	4	10	7
2. Role of neurotransmitter Acetylcholine in psychiatric disorders.	4	10	7
3. Hypothalamic Pituitary-Adrenal Axis. Theory and its clinical application in Psychiatry.	4	10	7
4. Analysis of Variance (ANOVA). It's role in research in behavioral medicine.	4	10	7
5. List Culture bound syndromes. Write in detail of any two culture bound syndrome.	4	10	7
6. Contributions of Carl Rogers in the field of behavioral science.	4	10	7
7. Attachment theory-it's contribution in understanding human psychological development.	4	10	7
8. Single Photon Emission Computed Tomography(SPECT) it's current role in psychiatry research.	4	10	7
9. Describe how a case control study is done with an example.	4	10	7
10. Psycho neuro immunology-it's contribution to biological psychiatry.	4	10	7
