

**DIPLOMA IN PSYCHOLOGICAL MEDICINE (DPM) EXAMINATION
BASIC SCIENCES AS RELATED TO PSYCHIATRY
(NEURO-ANATOMY, NEUROPHYSIOLOGY, NEURO
CHEMISTRY, BIostatISTICS, GENERAL PSYCHOLOGY,
ABNORMAL PSYCHOLOGY, SOCIAL PSYCHOLOGY,
PSYCHOMETRY AND GENETICS)**

Q.P. Code: 343065

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X15=30)

1. Elaborate on Neuro anatomy of limbic system and its relevance in psychiatry.
2. Neuro physiology of sleep and management of Primary insomnia and Primary hyper somnia

II. Write notes on:

(10X7=70)

1. Role of Serotonin as a neurotransmitter.
2. Emotional Development in Adolescence and describe about emotional quotient and its applied psychology.
3. Application of Chi-square test in Psychiatric research.
4. Role of Family studies in understanding aetiopathogenesis of various mood disorders.
5. Psychological factors and Biological factors in suicide and make a note about suicide prevention.
6. Contributions of Professor A.Venkoba Rao to Indian psychiatry.
7. Social development in children and make a note about social quotient and its applied psychology.
8. Discuss about Type I and Type II error in biostatistics.
9. Mature defense mechanisms and make a note about Altruism.
10. Contributions of Aaron Beck to Psychiatry.
