

Paper – 204 Advanced Physiological Psychology – II

1. Main Objectives

- To acquaint students with physiological psychology
- To acquaint students with biological bases of behaviour

2. The Scheme of question paper:

1. The paper will consist four units:
2. Each Unit Should be given equal weightage in examination
3. Total Marks are 100.

70: External Examination

30: Internal evaluation

(Duration of examination: 3 hours)

Unit- 1 Brain Chemistry, Drugs:

Mental Illness

Brain Metabolism

Major Neurotransmitters in the Brain

Dopamine – Serotonin

Amino Acid Neurotransmitters

Brain Chemistry & Use of Psychiatric Drugs

Psychiatric Drugs

The drug called alcohol

Unit – 2 Visual Perceptions and Auditory and Somatosensory perception:

The visual pathway

Mechanisms for colour vision

Auditory stimulus

Auditory pathway

The somatosensory system

Unit – 3 Emotionality

Cognitive Factors in Human Emotionality

The peripheral signs of emotionality

The Hypothalamus & limbic system in emotionality

Unit – 4 Mechanisms of Remembering

Clinical cases of Amnesia

The Anatomy of Human Memory

Physiological Mechanisms for memory in the Brain

Memory in the Brain

Amnesia, Dementia & Alzheimer's Diseases

Books

1. Introduction To Physiological Psychology Charles F – Levinthal (2005) Prentice Hall of India Pvt.