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Total No. of printed pages = 01

Monsoon, 2023

M. Pharm (Pharmacology) Semester Examinations

Advanced Pharmacology-I

Course Code: MPL102T

Full Marks – 75

Time – 3 hours

The figure in the margin indicates full marks for the questions.

- A) All questions are Compulsory. (10×2=20)
- a) What are Opioid Analgesics?
 - b) Define anti Histaminic drugs.
 - c) What are the different types of Diuretics.
 - d) What are fibrinolytics?
 - e) Define Neuro degenerative Disorders and name any 2 Neuro degenerative Disorders.
 - f) What is Psychosis?
 - g) What is Non adrenergic non cholinergic transmission (NANC)?
 - h) Write down the role of Neurotransmission.
 - i) Define Receptors and their Role.
 - j) What is Biotransformation.
- B) Write any Seven Questions (7×5=35)
- a) Write a brief note on concept of Linear Compartment model.
 - b) Discuss the process of Neurohumoral Transmission in ANS.
 - c) Discuss the process of G-Protein coupled receptors.
 - d) Write down the differences between Local and General Anaesthetics.
 - e) Write down the classification of Antihypertensives and explain any one class of Antihypertensive drugs.
 - f) Write a brief note on Haematinics.
 - g) Briefly discuss the different receptors of 5-HT receptors and their Role.
 - h) Write down the Pathological role of Histamine.
 - i) Write a short note on Sympathomimetics and Sympatholytic.
- C) Write any Two questions. (2×10=20)
- a) Elaborate the various dynamics of Pharmacokinetics.
 - b) Define Epilepsy and its types. Explain the Pharmacological management of Epilepsy.
 - c) Write down the differences between Sedatives and Hypnotics. Write a short note on Non-Narcotic Analgesics.