

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BPHARM 0321]

MARCH 2021

Sub. Code: 2044

(SEPTEMBER 2020 EXAM SESSION)

B. PHARMACY DEGREE EXAMINATION

PCI Regulation SEMESTER – IV

PAPER IV – PHARMACOLOGY I

Q.P. Code : 562044

Time: Three hours

Maximum: 75 Marks

I. Elaborate on: Answer any TWO questions. (2 x 10 = 20)

1. Describe the various Factors of Modifying Drug Action.
2. Classify Local Anaesthetics. Write the Therapeutic uses of Local Anaesthetics.
3. Classify Anti-epileptics. Write the Pharmacological action of any one Antiepileptic.

II. Write notes on: Answer any SEVEN questions. (7 x 5 = 35)

1. Write about the Regulation of Receptors.
2. Write about the Signal transduction mechanism of receptors reactions.
3. Write about adverse drug.
4. Write the Pharmacokinetic Drug Interactions.
5. Write the Clinical evaluation of new Drugs.
6. Write the Organization and functions of the ANS.
7. Write the Drugs used in Myasthenia gravis.
8. Classify Antipsychotics.
9. Write the Opioid Analgesics & Antagonists.

III. Short answers on: Answer ALL questions. (10 x 2 = 20)

1. Spare receptors.
2. Addiction.
3. Tachyphylaxis.
4. Distribution.
5. Enzyme inhibition.
6. Glycine.
7. Anti anxiety agents.
8. Nootropics.
9. Drug abuse.
10. Dependence.
