

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

[MBBS 0224]

FEBRUARY 2024

Sub. Code :5061

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted upto the Academic Year 2018-2019)

SECOND YEAR

PAPER I – PHARMACOLOGY – I

Q.P. Code: 525061

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on: (1 x 10 = 10)

1. A 70 years old man comes to hospital with complaints of rigidity and tremors. On examination he had a mask like face, sialorrhoea was present and his gait was defective. He was diagnosed to have Parkinson's disease.
 - a) Classify Antiparkinsonian drugs.
 - b) Describe the pharmacological role and adverse effects of Levodopa.
 - c) List the benefits of combining carbidopa with levodopa.

II. Write notes on: (6 x 4 = 24)

1. Discuss the Newer drug delivery systems.
2. Describe the mechanism of toxicity of Paracetamol and treatment of Paracetamol poisoning.
3. Enumerate the uses of Anticholinergic drugs.
4. Describe the pharmacological role of ACE inhibitors in cardiac failure.
5. Enumerate the difference between competitive and depolarising blockers.
6. Describe the Pharmacological properties of Clopidogrel.

III. Short answers on: (6 x 1 = 6)

1. Define first order kinetics.
2. Mention two uses of Mannitol.
3. Mention four prokinetic drugs.
4. Mention two drugs used in Alcohol withdrawal.
5. Mention the effect of Amiodarone in thyroid function.
6. Advantages of combining Adrenaline with a local anesthetic.
