

[MBBS 0322]

MARCH 2022

Sub. Code :6061

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted from the Academic Year 2019-2020 Batch onwards)

SECOND YEAR**PAPER I – PHARMACOLOGY – I***Q.P. Code: 526061***Time: Three hours****Maximum : 100 Marks (80 Theory + 20MCQs)****Answer all the Questions****I. Essay:****(2 x 15 = 30)**

1. 60 years old female, is a known HT and DM for the past 20 years has been admitted with the C/o progressive swelling in the face, abdomen and legs for the past 3 months
 - a) What is your diagnosis.
 - b) Classify diuretics.
 - c) Describe the mechanism of action, uses and adverse effects of high ceiling diuretics.
 - d) Justify the rationality in combining high ceiling diuretics with ACE inhibitors.
2. A 65 years old male on antipsychotic medications came with the C/o difficulty in walking, resting tremors and difficulty in swallowing
 - a) What is the diagnosis.
 - b) How will you treat this patient.
 - c) Describe the mechanism of action, importance of combination therapy and adverse effects of Levodopa.

II. Write Short notes on:**(10 x 5 = 50)**

1. Mechanism of action and clinical uses of statins.
2. Pharmacovigilance .
3. Therapeutic effects of atypical antipsychotics.
4. Brief phase II biotransformation reactions with suitable examples.
5. Therapeutic uses of Adrenergic drugs.
6. Drugs used in prophylaxis of migraine.
7. Role of Leukotriene antagonists used in bronchial asthma.
8. Brief the drugs used in hypertensive emergencies.
9. Heparin versus warfarin.
10. Complications of Spinal Anaesthesia.
