

[MBBS 0822]

AUGUST 2022

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 52 years old man comes to hospital with complaints of chest pain, radiating to the left upper limb, pain not relieved by rest. Clinical examination and investigations were done. Myocardial injury markers not elevated, ECG was not suggestive of acute myocardial infarction. He was diagnosed to have unstable angina.

Classify antianginal drugs.

Describe the mechanism of action and adverse effects of Glyceryl trinitrate.

Enumerate the drug therapy in myocardial infarction.

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

1. Define Pharmacovigilance. Describe the basis and grading of causality assessment.
2. List the differences between peripherally acting and centrally acting skeletal muscle relaxants.
3. Discuss the guidelines in the choice of nonsteroidal anti-inflammatory drug.
4. Describe the pharmacological role of Dopaminergic agonists in parkinsonism.
5. Enumerate the uses of Beta blockers.
6. Discuss the clinical applications of Acetazolamide and mention its adverse effects.

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

1. Mention 4 complications of spinal anesthesia.
2. Mention 2 newer parenteral iron formulations.
3. List 4 factors influencing prescriptions.
4. Mention the role of triptans in migraine.
5. Name the factor Xa inhibitors and 2 uses of these drugs.
6. Mention 2 drugs used in smoking cessation.
