

[MBBS 0223]

FEBRUARY 2023

Sub. Code : 6061

M.B.B.S. DEGREE EXAMINATION

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

**SECOND YEAR – (CBME)
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. A foot ball player sustained injury, developed swelling and pain in the right ankle, he could not walk he was applied with analgesic spray, he felt better.
 - a) Brief the action of analgesic spray.
 - b) Classify NSAIDS.
 - c) Describe the mechanism of action, uses, adverse effects and contraindications of aspirin.
2. While you had gone out for shopping in the mall you saw an elderly person shouting for help holding the chest. Being a medical student.
 - a) What could be your diagnosis and how will you do first aid for this patient?
 - b) Classify antianginal drugs.
 - c) Describe the mechanism of action, uses and adverse effects of Nitrates.

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

1. Define pharmacogenetics and brief with suitable examples.
2. Management of Organophosphorus compound poisoning.
3. Write the mechanism of action of Local anaesthetics. What is the Rationale of giving adrenaline with local anaesthetics?
4. Treatment of status asthmaticus.
5. Mention the uses and contraindications of Morphine.
6. Therapeutic uses of fibrinolytics and contraindications to their use.
7. Advantages and contra indications for parenteral iron therapy.
8. Treatment of acute gout.
9. Clinical importance of microsomal enzyme induction.
10. Mechanism of action and adverse effects of high ceiling diuretics.
