

MEDICAL**[MBBS 0325]****MARCH 2025****Sub. Code :6061****M.B.B.S. DEGREE EXAMINATIONS****(For the candidates admitted from the Academic Year 2019 - 2020)****SECOND PROFESSIONAL – SUPPLEMENTARY - (CBME)****PAPER I – PHARMACOLOGY*****Q.P. Code: 526061*****Time: Three hours****Maximum: 100 Marks (80 Theory + 20MCQS)****Answer all the Questions****I. Essay:****(2 x 15 = 30)****(3+9+3)**

1. 55-year-old male presented with the complaints of tightness and discomfort over middle part of chest, more so after exertion which gets relieved after 5-10 minutes of rest. His BP was 124/82mmHg, pulse 90/min. Stress test was positive, a diagnosis of classical angina was made and he was started on drugs.

- Enumerate the drugs used in angina.
- Discuss the mechanism of action, uses and adverse effects of Nitrates.
- Explain about Nitrate Tolerance and Dependence.

(1+2+3+7+2)

2. A 45-year-old farmer brought with complaints of altered sensorium, breathlessness, Profuse sweating. Attender gives history of spraying of pesticides by him.

- What is the diagnosis?
- What other signs and symptoms you will look for?
- Explain in detail the specific management in this case.
- Add a note on ageing of enzyme.

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

- Explain the orders of kinetics with example.
- Write the mechanism of action, uses and adverse effect of Amiodarone.
- Give the rationale for combining Adrenaline with Lignocaine and write two contraindications for the use of adrenaline.
- Enumerate second generation Antihistamines. What are its advantages over First generation and write two therapeutic uses?
- Describe the mechanism of action, uses and adverse effects of Sodium valproate.
- Pharmacotherapy of Status asthmaticus.
- Describe the therapeutic uses, adverse effects and contraindications of Morphine.
- Describe the therapeutic uses of Loop diuretics and what are its drug indications?
- List the parenteral iron preparations and write its indications.
- Explain Autonomy and Maleficence in bioethics.
