

**0820 E069**

**Second Year MBBS Examination**

**MBBS Pharmacology Paper 1**

**Time: 2 hours**

**Date: 06-08-2020**

**Max Marks: 40**

**Instructions:**

1. Answer to the points.
2. Figure to the right indicates marks.
3. Use separate answer books for each section.
4. Draw diagrams wherever necessary.
5. Write legibly.

**Section 1**

**1. Write notes on (any two) (10)**

- a) Classify Anti-Anginal drugs. Describe mechanism of action, pharmacological actions, adverse effects and therapeutic uses of Nitrates. (B. 396)
- b) Classify opioid analgesic drugs. Describe mechanism of action,

Pharmacological actions, adverse effects and therapeutic uses of morphine. (A. 483, B. 151)

c) Classify drugs used in Bronchial asthma. Describe mechanism of actions, pharmacological actions, adverse effects of therapeutic uses of Salbutamol. (A. 223, B. 357)

**2. Write short notes on (any three) (12)**

- a) Selective beta blockers
- b) First pass metabolism
- c) Second generation H<sub>1</sub>-Anti Histaminic (A. 166, B. 320, 324)
- d) Plasma half life

**3. Write short notes on (any three) (12)**

- a) Drug treatment of gout
- b) Drug treatment of Methanol poisoning (A. 395, B. 92)
- c) Drug treatment of Organophosphorus poisoning (A. 110, B. 289)
- d) Drug treatment of Status epilepticus

**4. Write answers in two-three sentences.**

**Attempt any six. Give pharmacological**

**basis for the use of:**

**(6)**

- a) Edrophonium in myasthenia gravis (A. 110, B. 286)
- b) Levodopa Carbidopa combination in Parkinsonism (A. 429, B. 228)
- c) Mannitol in cerebral edema (A. 590, B. 550)
- d) Fluoxetine in depression
- e) Hydrochlorothiazide in hypertension (A. 504)
- f) Adrenaline in anaphylactic shock (A. 87, B. 318)
- g) Aspirin in prevention of myocardial infraction

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