

Date: 01-07-2019

0719 E231

Second Year MBBS Examination

II MBBS Pharmacology Paper 1

Time: 2 hours

Max Marks: 40

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 briefly (any two) (10)

a) Classify drugs for Brochial asthma.

Write mechanism of action

Pharmacological actions, therapeutic uses and adverse effects of salbutamol (A. 223, B. 357)

b) Classify antianginal drugs. Write mechanism of action pharmacological actions therapeutic uses and adverse effects of nitrates

c) Classify antidepressant drugs. Write mechanism of action, pharmacological actions therapeutic uses and adverse effects of fluoxetine. (A. 461, B. 210)

2. Write briefly (any three) (12)

a) Alpha blockers (A. 150, B. 277)

b) Kinetics of drug elimination

c) Receptors

d) Nasal decongestant (A. 136, B. 268)

3. Write briefly (any three) (12)

a) Drug treatment of Migraine (A. 176, B. 333)

b) Drug treatment of Myasthenia

gravis(A. 109, B. 287)

c) Drug treatment of left ventricular failure

d) Drug treatment of Parkinsonism(A. 425, B. 231)

4. Answer in one or two sentences (any six): Give pharmacological basis for the use of: (6)

a) Morphine in myocardial infarction

b) Isoxuprine in threatened abortion

c) Prostaglandins in peptic ulcers

d) Tamsulosin in benign prostatic hypertrophy

e) Hypertonic mannitol in glaucoma

f) Levocetirizine in allergic disorders

g) Glycopyrrolate in preanesthetic medication

h) Valproic acid in generalized tonic clonic seizures

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