

Section 1
Date: 11-03-2021

0321 E081

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

II MBBS Pharmacology Paper 1

a) Classify diuretics. Describe the mechanism of action, pharmacological actions, adverse effects and therapeutic uses of Furosemide. (A. 559, 579)

b) Classify NSAIDs. Describe the mechanism of action, pharmacological actions, adverse effects and therapeutic uses of Aspirin. (A. 654, B. 623)

c) Classify antiparkinsonian drugs. Describe the mechanism of action, pharmacological actions, adverse effects and therapeutic uses of levodopa. (A. 429, B. 228)

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

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

b) Kinetics of elimination

c) Transdermal route of drug delivery

d) Phases of clinical trials

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

a) ACE inhibitors

b) 5HT₃ receptor antagonists in therapy
(A.228, B.360)

c) Actions and contraindications of
morphine (A.483, B.151)

d) Treatment of status asthmaticus (A. 233,
B. 364)

**4. Write answers in 2-3 sentences. (any
6) Give pharmacological basis for the
use of: (6)**

a) Allopurinol in chronic gout (A. 216, B.
1036)

b) Nitrates in angina pectoris (A. 539, B.

389)

c) N-acetyl cysteine in paracetamol poisoning

d) Carbonic anhydrase inhibitors in open angle glaucoma (A. 586, B. 551)

e) Adrenaline along with local anesthetics

f) Varenicline in smoking cessation

g) Glycopyrrolate as preanesthetic medication (A. 118, 386, B. 105)

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.

h) Olanzapine in psychosis