

Date: 02-07-2018

0718 E169

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 antiepileptic drugs.

Mechanism of action and

pharmacological action of phenytoin.

Therapeutic uses and adverse effects of phenytoin. (A. 417, B. 131)

b) Classify antihypertensive drugs. Write the mechanism of action and

pharmacological action of captopril.

Therapeutic uses and adverse effects of captopril. (A. 501, B. 422)

c) Classify NSAIDS. Write the mechanism of action and pharmacological action of aspirin. Therapeutic uses and adverse effects of aspirin.

2. Write briefly (any three) (12)

a) Treatment of organophosphorous poisoning (A. 110, B. 289)

b) Indications and contra indications of B-blockers (A. 145, B. 276, 277)

c) Therapeutic uses of prostaglandin analogues (A. 189, B. 343)

d) Biotransformation reaction

3. Write briefly (any three) (12)

a) Pharmacotherapy of glaucoma (A. 151, B. 1028)

b) Pharmacotherapy of bronchial asthma

c) Potassium sparing diuretics

d) Digoxin (A. 519, B. 452)

~~4. Answer in one or two sentences~~

(any six):

(6)

- a) Pharmacological basis for the use of paracetamol in fever**
- b) Pharmacological basis for the use of using morphine in left ventricular failure**
- c) Pharmacological basis for the use of sumatriptan in migraine.**
- d) Pharmacological basis for the use of nitrates in angina**
- e) Pharmacological basis for the use of dopamine in cardiogenic shock**
- f) Pharmacological basis for the use of terlipressin in acute bleeding oesophageal varices**
- g) Pharmacological basis for the use of calcium disodium edetate in lead poisoning**
- h) Pharmacological basis for the use of amantadine in Parkinsonism's disease**