

Date: 01-01-2019

0119E519

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 anti-depressant drugs. Write mechanism of action, pharmacological action of fluoxetine. Therapeutic uses & adverse effects of fluoxetine.

b) Classify anti-anginal drugs. Write mechanism of action & pharmacological action of atenolol. Therapeutic uses &

adverse effects of atenolol.

c) Classify anti-cholinergic drugs. Write mechanism of action & pharmacological action of atropine. Therapeutic uses & adverse effects of atropine.

2. Write briefly (any three) (12)

- a) Clinical uses of α -blockers.
- b) Lifesaving uses of adrenaline
- c) Drug Therapy for chronic simple glaucoma(A. 152, B. 1030)
- d) Uses & adverse effects of H₁ anti histaminic

3. Write briefly (any three) (12)

- a) Pharmacotherapy of myasthenia gravis(A. 109, B. 287)
- b) Pharmacotherapy of status epileptics
- c) Dopamine(A. 134, B. 248)
- d) Factors affecting bioavailability(A. 16, B. 11, 12)

4. Answer in one or two sentences (any six): (6)

- a) Pharmacological basis for the use of
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f) frusemide in congestive cardiac failure
(A.579, 8.556)

b) Pharmacological basis for the use of
ACE inhibitors in hypertension

c) Pharmacological basis for the use of
steroids in bronchial asthma.

d) Pharmacological basis for the use of
olanzapine in psychiatric illness

e) Pharmacological basis for the use of
amantadine in Parkinson's disease

f) Pharmacological basis for the use of
streptokinase in myocardial infarction(A.
627, B. 406)

g) Pharmacological basis for the use of
dimercaprol in mercury poisoning

h) Half-life of drugs.