

Date: 03-01-2019

0119 E519

Second Year MBBS Examination

MBBS Pharmacology Paper 2

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-ulcer drugs. Write mechanism of action &

pharmacological action of omeprazole.
Therapeutic uses & adverse effects of omeprazole.

b) Classify corticosteroids. Write mechanism of action & pharmacological action of hydrocortisone. Therapeutic uses & adverse effects of hydrocortisone.

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

2. Write briefly (any three) (12)

a) Treatment of Diabetic ketoacidosis(A. 267, B. 893)

b) Mechanism of action & therapeutic user of Quinolones

c) Advantages of low molecular weight heparins(A. 619, B. 475)

d) Mechanism of actions & adverse effects of Lamivudine

3. Write briefly (any three) (12)

a) Pharmacotherapy of chloroquine resistant malaria

b) Selective estrogens receptor modulators (SERMs)

c) Cell cycle specific anti-cancer drugs

d) Mechanism of actions & clinical uses of amphotericin-B

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

a) Pharmacological basis for the use of propranolol in treatment of thyrotoxicosis (A.256, B. 872)

b) Indications for chemoprophylaxis in tuberculosis

c) Mechanism of action of oral contraceptive pills.

d) Clinical uses of Vitamin K(A. 613, B. 487)

e) Uses of oxytocin

f) Adverse effects of third generation cephalosporins(A. 727, B. 683)

g) Indications of human insulin(A. 263, B. 882)

h) Post exposure prophylaxis of HIV infection

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