

Date: 03-07-2019

079 E252

Second Year MBBS Examination

II MBBS Pharmacology Paper 2

Time: 2 hours

Max Marks: 40

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.

Section 1

1. Write briefly (any two) (10)

a) Classify oral hypoglycaemic drugs. Write mechanism of action pharmacological actions therapeutic uses and adverse effects of Metformin.

b) Classify antitubercular drugs. Write mechanism

of action, pharmacological actions therapeutic uses and adverse effects of Rifampin

c) Classify fluoroquinolones. Write mechanism of action, pharmacological actions therapeutic uses and adverse effects of ofloxacin

2. Write briefly (any three) (12)

a) New insulins

b) Antiemetic drugs(A. 662, B. 590)

c) Aminoglycosides(A. 745, B. 675)

d) Biphosphonates

3. Write briefly (any three) (12)

a) SERM (selective estrogen receptor modulators) (A. 313, B. 939)

b) Anabolic steroids(A. 300, B. 993)

c) Beta lactamase inhibitors

d) Newer antimalarial drugs(A. 833, B. 780)

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

- a) Geftriaxone in the typhoid fever**
- b) Metronidazole in the anaerobic infection(A. 837, B. 784)**
- c) Prokinetic drugs in the GERD (gastric-esophageal reflux disease)**
- d) Slidenafil in erectile dysfunction**
- e) Oxytocin in PPh (post-partum haemorrhage)**
- f) Mifepristone as emergency contraceptive**
- g) Corticosteroid in thyroid storm**
- h) Cilastatin along with Imipenem**