

Date: 12-03-2021

0321 E083

**Second Year MBBS
Examination**

**II 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 notes on any two (10)

a) Classify oral antidiabetic drugs. Describe the mechanism of action, pharmacological actions, adverse effects and therapeutic

uses of Metformin. (B. 903)

b) Classify drugs used in peptic ulcer.

Describe the mechanism of action, pharmacological actions, adverse effects and therapeutic uses of Omeprazole. (A. 651, B. 621)

c) Classify antitubercular drugs. Describe the mechanism of actions. Pharmacological actions, adverse effects and therapeutic uses of Rifampicin. (A. 765, B. 739)

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

a) Oral contraceptive pills

b) Bisphosphonates

c) Low molecular weight heparin

d) Adverse drug reactions of glucocorticoids (A. 290, B. 919)

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

a) Third generation cephalosporins (A. 727, B. 683)

b) Anti-influenza drugs

c) Chemoprophylaxis

d) Drug therapy of constipation (A. 676, B.

606)

- 4. Write answers in 2-3 sentences. (any 6)**
- a) Ondansetron in cancer chemotherapy (6) induced nausea and vomiting (A.662, 668)
 - b) Mesna in cyclophosphamide induced hemorrhagic cystitis
 - c) Thalidomide in lepra reaction (A. 786, 761)
 - d) Raloxifene in osteoporosis
 - e) Hydroxychloroquin in rheumatoid arthritis
 - f) Misoprostol in NSAID induced peptic ulcer (A. 320, B. 962)
 - g) Desferrioxamine in iron poisoning
 - h) Erythropoietin in anti-HIV drug induced anaemia