

Date: 05-07-2016

0716 E030

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 flouroquinolones. Describe the mechanism of action, adverse effects and therapeutic uses of ciprofloxacin. (A.709, 710)

b) Classify drugs used in the treatment of thyroid disease. Describe the mechanism

of action, adverse effects and therapeutic uses of carbimazole. (A.245, 253)

c) Classify antiemetic drugs. Describe the mechanism of action, adverse effects and therapeutic uses of ondansetron. (A.662, 668)

2. Write briefly (any three) (12)

a) Methotrexate (A. 862, B. 821)

b) Vitamin D(A. 343, B. 994)

c) Glimepiride (A.272)

d) Uterine stimulants(A. 329, B. 627)

3. Write briefly (any three) (12)

a) Parenteral iron

b) 3rd generation cephalosporins(A. 727, B. 683)

c) Tacrolimus (A.881)

d) Amikacin (A.749)

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

a) Pharmacological basis for the use of sitagliptine in Type 2 diabetes mellitus

b) Pharmacological basis for the use of clomiphene citrate in infertility

- c) Pharmacological basis for the use of amoxicillin and clavulanic acid
- d) Pharmacological basis for the use of trimethoprim and suphamethoxazole
- e) Pharmacological basis for the use of inhaled corticosteroids in chronic bronchial asthma
- f) Pharmacological basis for the use of primaquine for 2 weeks along with full curative dose of chloroquine.
- g) Therapeutic status of ketoconazole as antifungal drug(A. 796, B. 699)
- h) Therapeutic status of albendazole as anthelmintic drug