

Q.P. Code: 202001

Reg. no.:

Second Professional MBBS Degree Supplementary Examinations,
September 2015

Pharmacology- Paper II

Time: 2 Hours

Total Marks: 40

- Answer all questions
- Draw diagrams wherever necessary

Essays:

(2x6=12)

1. List aminoglycoside antibiotics. Mention its four common properties and two adverse effects.
2. Read the clinical problem and answer the following questions: A 28 years old woman having two children wanted to follow a contraceptive method. Patient was advised to take oral contraceptive pills. She is a known case of pulmonary tuberculosis for which she is on Rifampicin 450mg. INH300mg and ethambutol 300mg per day.
 - What are the expected complications.
 - Why.
 - What will you suggest

(2+2+2=6)

Short notes:

(5x3=15)

3. Interferon alfa
4. Therapeutic uses of glucocorticoids.
5. Clomiphene citrate.
6. Rabeprazole.
7. Gatifloxacin.

Answer briefly:

(5x1=5)

8. Rationale for the combined use of aluminium and magnesium salts in antacid preparations.
9. Mechanism of action of co-trimoxazole.
10. Rationale for the use of folic acid in methotrexate toxicity.
11. Comment on the interaction between itraconazole and omeprazole.
12. Pharmacological basis for the combined use of drugs in cancer chemotherapy.

Name two drugs:

(8x1=8)

13. Dermatophytosis.
14. GERD.
15. Brucellosis.
16. Thyrotoxic crisis.
17. Intestinal amoebiasis.
18. Hookworm infestation
19. Burns infected with pseudomonas aeruginosa
20. H₁N₁ viral infection.
