

Second Professional MBBS Degree Examinations, February 2017

Pharmacology- Paper II

Time: 2 Hours

Total Marks: 40

- Answer all questions
- Draw diagrams wherever necessary

Essays:

(2x6=12)

1. Read the case history and answer the following questions:

Mr. Ramu 40 years presented with H/o fever with chills for the past two days and diagnosed as a case of plasmodium falciparum malaria.

- Prescribe for acute attack of plasmodium falciparum malaria.
- Mention the mechanism of action of any one anti malarial drug.
- List two drugs for chemoprophylaxis of malaria. **(2+2+2=6)**

2. Classify cephalosporins. Mention the mechanism of action, adverse effects and uses of third generation cephalosporin. **(2+2+2=6)**

Short notes:

(5x3=15)

3. Sulfonylureas in type II diabetes mellitus.
4. Proton pump inhibitors.
5. Amphotericin B.
6. Methotrexate.
7. Protease inhibitors in HIV infection.

Answer briefly:

(5x1=5)

8. Mention two important uses and adverse effects of glucocorticoids.
9. Comment on the interactions produced by oral contraceptive pills and rifampicin.
10. Specify the important spectrum of ciprofloxacin.
11. Pharmacological basis for combining beta lactamase inhibitors with beta lactam antibiotics.
12. Mechanism of action of clarithromycin.

Name two drugs:

(8x1=8)

13. Mycobacterium avium complex.
14. Treatment of osteoporosis
15. Treatment of acne vulgaris
16. Treatment of Female Infertility.
17. Amoebiasis.
18. Typhoid fever
19. Anti emetics
20. Herpes zoster infection.
