

Second Professional MBBS Degree Examinations, February 2015

Pharmacology- Paper II

Time: 2 Hours

Total Marks: 40

- Answer all questions
- Draw diagrams wherever necessary

Essays:

(2x6=12)

1. Classify drugs used in treatment of malaria. Explain the mechanism of action, adverse effects and dose of any one such drug. Which drug is used for radical cure of acute vivax malaria.
2. A 35 years old woman came with complaints of heat intolerance, retraction of upper eyelid and menstrual irregularities. Her T₃ , T₄ , FT₄ & FT₃ are elevated while TSH is suppressed. Answer the following:
 - Which drugs can be administered to reduce the thyroid activity in this patient.
 - What is its mechanism of action.
 - Which drug is preferred, if the patient is pregnant.
 - What is the route of administration of I₁₃₁.

(2+2+1+1=6)

Short notes:

(5x3=15)

3. Proton pump inhibitors
4. Fluconazole
5. Lepra reaction
6. Adverse effects of oral contraceptives
7. Bisphosphonates

Answer briefly:

(5x1=5)

8. Prevention of vertical transmission HIV infection
9. Mechanism of action of ciprofloxacin
10. Anti malignancy drugs producing gouty arthritis
11. Immunotherapy for Rh negative woman with Rh positive baby
12. Longest acting insulin given as once daily dose

Name two drugs:

(8x1=8)

13. Treatment of pneumocystis carinii
14. Peroxysome proliferator activated receptor gamma agonists
15. Drugs causing haemolytic anemia in glucose 6 phosphate dehydrogenase deficiency patients
16. Cell cycle specific anti metabolites
17. Treatment of extra intestinal amoebiasis
18. Selective estrogen receptor modulators
19. Treatment of ascariasis
20. Antiemetic agents
