

Q.P. Code: 202001

Reg. no.:

Second Professional MBBS Degree Examinations, March 2014

Pharmacology- Paper II

Time: 2 Hours

Total Marks: 40

- Answer all questions
- Draw diagrams wherever necessary

Essays:

(2x6=12)

1. Enumerate the antibiotics which act by inhibiting cell wall synthesis. Mention the detailed mechanism of action of any one of them on bacterial cell wall synthesis. Add a note on beta lactamase inhibitors (2 + 2 + 2 = 6)
2. Read the clinical problem and answer the following questions: 40 years old man who was on metronidazole for amoebic dysentery went to a cocktail party where he consumed alcohol. After some time, he started developing symptoms like flushing, burning sensation, throbbing headache, dizziness, tightness in chest, vomiting.
 - What is the reason for his symptoms.
 - What are the other uses of metronidazole.
 - What are the adverse effects produced by metronidazole (2 + 2 + 2 = 6)

Short notes:

(5x3=15)

3. Alpha glucosidase inhibitors
4. Serious adverse effects produced by oral contraceptive pills
5. Azithromycin
6. Vinca alkaloids
7. Proton pump inhibitors

Answer briefly:

(5x1=5)

8. Radical cure in plasmodium vivax infection
9. Drug used in thyrotoxic crisis
10. Super ORS
11. Adverse effects of metoclopramide
12. Antiseptics

Name two drugs:

(8x1=8)

13. Topical anti fungals
14. Anti pseudomonal drugs
15. H₂ blockers
16. Calcineurin inhibitors
17. Fluoroquinolones
18. Selective estrogen receptor modulators
19. First line anti tubercular drugs
20. Bisphosphonates
