

Q.P. Code: 202001

Reg. no.:

Second Professional MBBS Degree Examinations February 2019

Pharmacology - Paper II

Time: 2 Hours

Max. Marks: 40

- **Answer all questions**
- **Draw diagrams wherever necessary**

Essays

(2x6=12)

1. Read the case history and answer the following questions: A 25 years old lady reported to the hospital with complaints of low grade fever since 10 days and weakness, fatigue, cough & expectoration since one month. Sputum was found to be positive for AFB and X-ray chest showed fibrotic changes in the left upper lobe.
(2+2+2)
 - What is the treatment regimen to be followed for the patient
 - Explain the mechanism of action and adverse effects of Rifampicin
 - What would you advise if the lady was pregnant
2. Classify corticosteroids. Describe the uses and adverse effects of glucocorticoids
(2+2+2)

Short Notes

(5x3=15)

3. Clarithromycin
4. Methotrexate
5. Protease inhibitors
6. Ondansetron
7. Insulin Glargine

Write the Pharmacological basis for the use of:

(3x1=3)

8. Penicillamine in Wilson's disease
9. Amoxicillin with clavulanic acid
10. Lansoprazole, amoxicillin and clarithromycin in H. pylori infection

Write two uses and two adverse effects of the following:

(3x1=3)

11. Raloxifene
12. Metronidazole
13. Chloroquine

Choose the appropriate drug and Justify:

(2x1=2)

14. Griseofulvin / Miconazole in candida albicans
15. Ciprofloxacin / Amoxicillin in urinary tract infection in pregnancy

Name the following (Two examples for each)

(5x1=5)

16. Vinca alkaloids in cancer chemotherapy
17. Anti-seborrheic agents
18. Proton pump inhibitors
19. Drugs effective against both gram positive & gram negative organisms
20. Antithyroid drugs
