

2010 Scheme

Q.P. Code: 202001

Reg. no.:

Second Professional MBBS Degree Supplementary Examinations

October 2022

Pharmacology - Paper II

Time: 2 Hours

Max. Marks: 40

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays

(2x6=12)

1. Enumerate the second generation fluoroquinolones. What is their mechanism of action. What are the adverse effects produced by them. (2+2+2)
2. Mr. Madhavan aged 40 yrs developed pulmonary tuberculosis and he was given treatment with first line anti-tubercular agents. After one month of regular treatment, he reported back with complaints of visual disturbances and difficulty in following traffic signals.
 - Which drug is responsible for his complaints
 - What is the mechanism of its action in tuberculosis
 - What is MDR-TB
 - How will you manage MDR-TB(1+2+1+2)

Short Notes

(5x3=15)

3. Carbimazole
4. Dipeptidyl Peptidase 4 inhibitors
5. Lansoprazole
6. Vancomycin
7. Metronidazole

Write the Pharmacological basis for the use of:

(3x1=3)

8. Mifepristone in termination of pregnancy
9. Alendronate in osteoporosis management
10. Primaquine in Vivax malaria

Write two uses and two adverse effects of the following:

(3x1=3)

11. Prednisolone
12. Griseofulvin
13. Ivermectin

Choose the appropriate drug and Justify:

(2x1=2)

14. Ondansetron/Domperidone in chemotherapy induced vomiting.
15. Methotrexate / Cisplatin in choriocarcinoma

Name the following (Two examples for each)

(5x1=5)

16. Drugs for urinary tract infection
17. Antidote for iron poisoning
18. Post-exposure prophylaxis in HIV infection
19. Anabolic steroids
20. Drugs for prevention of rejection of organ transplantation
