

## 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

\*\*\*\*\*