

# **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

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