



## 2019 Scheme

Q.P. Code: 212001

Reg. no.: .....

### **Second Professional MBBS Degree Regular/Supplementary Examinations January 2023**

#### **Pharmacology - Paper II**

**(GIT, Hormones, Antibiotics, Chemotherapy and Miscellaneous)****Time: 3 Hours****Total Marks: 100**

- 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

**Long Essays****(2x15=30)**

1. A 30-year-old male patient with history of productive cough, evening rise of temperature and weight loss since 1 month visits a physician in a tertiary care hospital. On investigation, patient was positive for acid fast bacilli in the sputum and a diagnosis of pulmonary tuberculosis was made.

(a) Enumerate the drugs used for the above condition. Discuss the regimen for this patient

(b) Add a note on the management of Multi Drug Resistant Tuberculosis.

(c) Mention the benefits of combination of Antitubercular drugs (4+3+4+4)

2. Classify Oral antidiabetic drugs. Discuss in detail any one group. Describe briefly Human insulin. Discuss the management of Diabetic Ketoacidosis. (4+3+4+4)

**Short essays****(5x8=40)**

3. (a) Mechanism of action therapeutic uses and adverse effects of Amphotericin B. (4+4)
- (b) Briefly describe Anti-thyroid drugs (4+4)
4. (a) Discuss in detail the Pharmacotherapy of Urinary tract infection. (4+4)
- (b) Briefly describe the adverse effects of Oral Contraceptive Pills. (4+4)
5. (a) Classify the drugs used in the pharmacotherapy of Peptic ulcer. Discuss the pharmacological management of Helicobacter pylori infection. (3+2+3)
- (b) Briefly describe Methotrexate. (4+4)
6. Enumerate Cephalosporins. Describe their mechanism of action, uses and adverse effects of third generation Cephalosporins. (3+5)
7. List three classes of Antiemetics. Write the mechanism of action, uses and adverse effects of the most effective Antiemetic group. (5x4=20)

**Short answers****(5x4=20)**

8. (a) Briefly describe Mifepristone (2+2)
- (b) Uses of Anabolic steroids (2+2)
9. Albendazole.
10. Treatment of thyrotoxic crisis.
11. Management of Iron poisoning.
12. Acyclovir

**Choose the Appropriate Drug and Justify:****(2x1=2)**

13. Ondansetron/Domperidone in chemotherapy induced emesis.
14. Oxytocin / Methyl ergometrine in Postpartum hemorrhage.

**Name the following (Two examples for each):****(8x1=8)**

15. Immuno stimulants.
16. Antiretroviral drugs.
17. Antileprotic drugs.
18. Drugs for treating Filariasis.
19. Drugs for treating Osteoporosis.
20. Drugs for treating Pseudomembranous enterocolitis.
21. Uterine relaxants
22. Antidiarrhoeal agents

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