

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.
(b) Briefly describe Anti-thyroid drugs (4+4)
4. (a) Discuss in detail the Pharmacotherapy of Urinary tract infection.
(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.
(b) Briefly describe Methotrexate. (3+2+3)
6. Enumerate Cephalosporins. Describe their mechanism of action, uses and adverse effects of third generation Cephalosporins. (4+4)
7. List three classes of Antiemetics. Write the mechanism of action, uses and adverse effects of the most effective Antiemetic group. (3+5)

Short answers

(5x4=20)

8. (a) Briefly describe Mifepristone
(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
