

2010 Scheme

Q.P. Code: 202001

Reg. no.:

Second Professional MBBS Degree Supplementary Examinations August 2025

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. Classify drugs used in the treatment of Tuberculosis. Outline the mechanism of action, adverse effects and uses of Rifampicin. (2+4)
2. A 68year old female patient, complains of easy fatigability for past 6 months. Routine checkup showed her fasting blood glucose level to be 168 mg/dL, glycosylated hemoglobin (HbA1c) was 9 %. Renal functions were normal. No other comorbidities were found.
 - a) Classify Oral anti diabetic drugs with two examples each
 - b) Briefly describe Metformin (3+3)

Short Notes

(5x3=15)

3. Adverse effects of Corticosteroids
4. Chloroquine
5. Aminoglycosides
6. Methotrexate
7. Omeprazole

Write the Pharmacological basis for the use of:

(3x1=3)

8. Magnesium hydroxide and Aluminium hydroxide combination as antacid
9. Combination of Amoxicillin and Clavulanic acid
10. Raloxifene is used in the treatment of Osteoporosis in postmenopausal women

Write two uses and two adverse effects of the following:

(3x1=3)

11. Metronidazole
12. Propylthiouracil
13. Ciprofloxacin

Choose the appropriate drug and Justify:

(2x1=2)

14. Domperidone/ Ondansetron in the treatment of Chemotherapy induced vomiting
15. Combined oral contraceptive pill/ mini pill (progesterone only pill) in a lactating mother

Name the following (Two examples for each)

(5x1=5)

16. Short acting Insulin analogues
17. Fat soluble vitamins
18. Anti-influenza virus drugs
19. Bisphosphonates
20. Chelating agents
