

# 2010 Scheme

Q.P. Code: 202001

Reg. no.: .....

## Second Professional MBBS Degree Supplementary Examinations

March 2023

### 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 Oral anti diabetic drugs. Write the MOA and adverse effects of sulfonyl urea. (2+2+2)
2. A 45-year-old nurse complaining of evening rise of temperature since a month with loss of appetite and weight is presenting with sputum positive for AFB and diagnosis for primary pulmonary tuberculosis.
  - (a) Enumerate the orally administered first line drugs
  - (b) Write the mechanism of action and other uses of Rifampin.
  - (c) Enumerate four drugs given for mycobacterium avium complex infection

(2+3+1)

#### Short Notes

(5x3=15)

3. III generation cephalosporin
4. Albendazole
5. Vinca alkaloids
6. Chloroquine
7. Chelating agents

#### Write the Pharmacological basis for the use of:

(3x1=3)

8. Tapering dose of Glucocorticoids after prolonged therapy rather than stopping it abruptly
9. 5HT<sub>3</sub> Antagonist (eg. ondansetron) is used in Chemotherapy induced vomiting
10. Clavulanic acid with Amoxicillin

#### Write two uses and two adverse effects of the following:

(3x1=3)

11. Metoclopramide
12. Ivermectin
13. Ciprofloxacin

#### Choose the appropriate drug and Justify:

(2x1=2)

14. Oxytocin/Ergometrine in Induction of labour
15. Ranitidine/cimetidine is used in Peptic Ulcer Disease (PUD)

#### Name the following (Two examples for each)

(5x1=5)

16. Laxatives
17. Immunomodulators
18. Drugs used in Psoriasis
19. Antiseptics
20. Killed vaccines

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