

# 2010 Scheme

Q.P. Code: 202001

Reg. no.: .....

## Second Professional MBBS Degree Supplementary Examinations August 2024

### 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

(2x6=12)

#### Essays

1. Classify drugs used in treatment of Peptic ulcer. Describe briefly Omeprazole. (3+3)
2. A 24year old lady comes to the OPD with complaints of high fever with chills and rigors for the past 3 days. She also complains of headache, body ache and weakness. The fever lasts for 4 to 6 hours and subsides after sweating. You make a diagnosis of malaria based on blood smear which showed P. vivax parasites.
  - a) Prescribe for this patient, if there is no drug resistance
  - b) Briefly describe the erythrocytic schizonticide you prescribed
  - c) Write two drugs given for Chemoprophylaxis

(2+3+1)

#### Short Notes

(5x3=15)

3. Therapeutic uses of Corticosteroids
4. Ondansetron
5. Ciprofloxacin
6. Vinca Alkaloids
7. Isoniazid (INH)

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

(3x1=3)

8. Trimethoprim and Sulfamethoxazole as a combination
9. Lactulose in Hepatic encephalopathy
10. Ritonavir in low doses in various Anti retroviral regimes

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

(3x1=3)

11. Metformin
12. Gentamicin
13. Mebendazole

#### Choose the appropriate drug and Justify:

(2x1=2)

14. Propylthiouracil / Carbimazole for treatment of Thyroid storm
15. Folic acid/ Folinic acid to treat Methotrexate toxicity

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

(5x1=5)

16. Long acting Insulin analogues
17. Water soluble vitamins
18. Selective Estrogen Receptor Modulators (SERM)
19. Anti scabies agents
20. Third generation cephalosporins

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