

2010 Scheme

Q.P. Code: 202001

Reg. no.:

Second Professional MBBS Degree Supplementary Examinations July 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)

- (a) Enumerate four drug groups used in treatment of peptic ulcer with two examples each.
(b) Briefly describe the mechanism of action, uses and adverse effects of any one group.
(c) Mention the drug group which gives immediate symptom relief in a patient with peptic ulcer. (2+3+1)
- A 24-year-old female with fever and chills came to causality. Gives history of urinary urgency and dysuria. Urine examination confirmed acute lower urinary tract infection and urine sample given for culture and sensitivity.
(a) List two antibiotic groups which can be used to start therapy.
(b) Write the mechanism of action, other uses and adverse effects of any one group.
(c) List any two antibiotic groups which is contra-indicated in a pregnant lady with urinary tract infection.
(d) Name two drugs which is given for chemoprophylaxis. (1+3+1+1)

Short Notes

(5x3=15)

- Therapeutic uses of corticosteroids
- Newer Insulins
- Azole antifungals
- Cotrimoxazole
- Metronidazole

Write the Pharmacological basis for the use of:

(3x1=3)

- Pyridoxine (Vitamin B6) with Isoniazid (INH) in Antitubercular therapy.
- Lugol's Iodine is given for 10 days prior to thyroidectomy surgery for Grave's disease.
- MESNA is administered during cyclophosphamide therapy

Write two uses and two adverse effects of the following:

(3x1=3)

- Metformin
- Tetracyclines
- Diethylcarbamazine citrate (DEC)

Choose the appropriate drug and Justify:

(2x1=2)

- Folinic acid/folic acid in Methotrexate toxicity
- Domperidone/Metoclopramide as antiemetic in paediatric population

Name the following (Two examples for each)

(5x1=5)

- Drugs used for Lepa reaction
- Drugs used in inflammatory bowel disease
- Drugs used in scabies
- Viral vaccines
- Antiretroviral drugs
