



2010 Scheme

Q.P. Code: 201001

Reg. No.:

Second Professional MBBS Degree Supplementary Examinations

March 2023

Pharmacology - Paper I

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. List the various routes of drug administration with suitable examples. Write the merits and demerits of Intravenous route of drug administration. (3+3)
2. A farmer was brought to the emergency department of the hospital presenting with lacrimation, salivation, sweating and breathlessness. O/E he is having miosis, blurring of vision, bronchospasm with copious trachea-bronchial secretions with BP- 100/60mmHg and PR-60/min. He gives history of spraying a strong insecticide in his agricultural field.
 - (a) What is the likely diagnosis
 - (b) Briefly outline the general measures of management
 - (c) Discuss in detail the drugs used to manage this condition with its rationale for use

(1+2+3)

Short Notes:

(5x3=15)

3. Amlodipine
4. Frusemide
5. Phenytoin
6. Salbutamol
7. Paracetamol

Write the Pharmacological basis for the use of:

(3x1=3)

8. Low dose Aspirin in prophylaxis of myocardial infarction
9. Dantrolene sodium in malignant hyperthermia
10. Morphine in Acute left ventricular failure

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

(3x1=3)

11. Angiotensin converting enzyme inhibitors
12. Diazepam
13. Low molecular weight heparin

Choose the appropriate drug and Justify:

(2x1=2)

14. Dextromethorphan/Ambroxol for suppressing dry cough
15. Timolol/Propranolol in glaucoma

Name the following (Two examples for each):

(5x1=5)

16. Parenteral preparations of Iron
17. Nasal decongestants
18. Triptans
19. DMARD'S
20. Drugs acting through nuclear receptors

