

2010 Scheme

Q.P. Code: 201001

Reg. No.:

Second Professional MBBS Degree Supplementary Examinations

July 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. Classify antihypertensive. Explain the mechanism of action, uses and adverse effects of ACE inhibitors. (3+3)
2. A 25-year-old male with symptom of excessive fatigue and lack of sleep was brought to the clinic. His relatives say that he is socially withdrawn and has made two attempts of suicide. He was prescribed tab fluoxetine.
 - Explain the mechanism of action, uses and adverse effects of fluoxetine.
 - Classify other drugs useful in the above condition. (3+3)

Short Notes:

(5x3=15)

3. Ezetimibe
4. Special drug delivery systems
5. Mannitol
6. Carbamazepine
7. Drug Antagonism

Write the Pharmacological basis for the use of:

(3x1=3)

8. Adrenaline with lignocaine for tooth extraction
9. Levodopa and carbidopa in parkinsonism
10. Amlodipine and metoprolol in angina

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

(3x1=3)

11. Cinnarizine
12. Risperidone
13. Heparin

Choose the appropriate drug and Justify:

(2x1=2)

14. Furosemide/Spironolactone in cirrhosis liver
15. Verapamil/Nifedipine in supra ventricular arrhythmias

Name the following (Two examples for each):

(5x1=5)

16. Cyclo-oxygenase inhibitor
17. Mucolytics
18. Fibrinolytics
19. Plasma expanders
20. Mast cell stabilizers
