



Q.P. Code: 201001

Reg. No.:

Second Professional MBBS Degree Supplementary Examinations
February 2021
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 anticholinergic drugs. Describe the pharmacological actions, therapeutic uses and contraindications of atropine. (2+2+1+1)
2. A 50 years old male patient came to hospital with a complaint of breathlessness, Orthopnoea and swelling of both feet since 10 days. He is a known ischemic heart disease patient, using aspirin only and not taking the other drugs as prescribed. His heart rate is 128/mt and his blood pressure is 160/100 mm of Hg. Echocardiogram shows dilated cardiac chambers.
 - Classify drugs used in congestive heart failure
 - Explain the mechanism and pharmacological action of digoxin
 - Describe the adverse effects of beta blockers(2+2+2)

Short Notes:

(5x3=15)

3. Pharmacogenetics
4. Prazosin
5. Diazepam
6. Selective serotonin reuptake inhibitors
7. Prophylaxis of migraine

Write the Pharmacological basis for the use of:

(3x1=3)

8. Adrenaline in anaphylactic shock
9. Fomepizole in methanol poisoning
10. Tramadol as analgesic

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

(3x1=3)

11. Lignocaine
12. Carbamazepine
13. Isosorbidedinitrate

Choose the appropriate drug and Justify:

(2x1=2)

14. Naloxone/Methadone in morphine addiction
15. Frusemide/Hydrochlorothiazide as antihypertensive

Name the following (Two examples for each):

(5x1=5)

16. Oral direct factor Xa inhibitors
17. Mast cell stabilizers
18. Antitussives
19. Recombinant tissue plasminogen activators
20. Aldosterone antagonists
