

**BLDE UNIVERSITY**  
**MBBS PHASE - II EXAMINATION**

Time : 3 Hours]

[Max.Marks : 100]

**PHARMACOLOGY – PAPER - I****QP CODE: 2005**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

**Long Essay: (Answers to be started on fresh page only)****2x10=20**

1. Classify antianginal drugs. Explain mechanism of action, therapeutic uses and adverse effects of Glyceryl trinitrate.
2. Classify anti-epileptic drugs. Explain mechanism of action, therapeutic uses and adverse effects of Phenytoin Sodium.

**Short Essay: (Answers to be started on fresh page only)****10x5=50**

3. Fibrinolytics - Mechanism of action and therapeutic uses.
4. Oral route of drug administration- Merit and Demerit
5. What are different types of drug antagonism? Give suitable examples.
6. Prazosine- Mechanism of action and therapeutic uses.
7. Therapeutic uses of Adrenaline.
8. Therapeutic uses and contraindications to Morphine.
9. High ceiling diuretics – Therapeutic uses and adverse effects.
10. Write uses and adverse effects of atropine
11. Losartan - Mechanism of action and therapeutic uses.
12. Plasma expanders – Pharmacological properties and therapeutic uses

**Short Answers: (Leave three lines gap between the answers)****10x3=30**

13. Name three Nasal decongestants.
14. Write pharmacological basis of use of levodopa and carbidopa combination in the treatment of Parkinson's disease.
15. Name three Mucolytic and give their three therapeutic uses.
16. What is Succinylcholine apnoea? What is its treatment?
17. Clinical significance Therapeutic window phenomenon.
18. Mechanism of action and two important adverse effects of Atorvastatin.
19. Mention six drugs used in the treatment of glaucoma.
20. Write mechanism of action and two adverse effects of lignocaine.
21. What is first pass metabolism? How can it be avoided?
22. Name three anti arrhythmic drugs.

Dec-2011

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#### Long Essay: (Answers to be started on fresh page only)

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1. Enumerate Fluroquinolones. Outline their mechanism of action, therapeutic uses and their adverse effects.
2. Classify drugs used in the treatment of diabetes mellitus. Explain mechanism of action, adverse effects and uses of metformin.

#### Short Essay: (Answers to be started on fresh page only)

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3. Write uses and adverse effects of aspirin.
4. Mention five uses and five adverse effects of metronidazole.
5. Write mechanism of action and clinical uses of cotrimoxazole.
6. Discuss the use of inhalational steroids in the treatment of bronchial asthma.
7. Radioactive iodine in the treatment of hyperthyroidism
8. Penicillamine - Mechanism of action and therapeutic uses.
9. Tocolytics- Mechanism of action and therapeutic uses.
10. Discuss mechanism of action and adverse effects of gold salts.
11. Acyclovir - Mechanism of action and therapeutic uses.
12. Ketoconazole - Mechanism of action and therapeutic uses.

#### Short Answers: (Leave three lines gap between the answers)

10x3=30

13. Three therapeutic uses and three adverse effects of Rifampicin.
14. Give disadvantage of Selective COX-2 inhibitors.
15. Mention six adverse effects of chronic corticosteroid therapy.
16. Omeprazole - Mechanism of action and two therapeutic uses
17. Three therapeutic uses of Albendazole
18. Ethyl alcohol as an antiseptic
19. Mention two H1 and two H2 blockers
20. Vitamin K – Pharmacological basis for controlling warfarin Induced Bleeding
21. Three mucolytic drug and their three therapeutic uses.
22. Three therapeutic uses BCG vaccine