

July - 2014

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 anticholinergics. Discuss the therapeutic uses of atropine and its substitutes in detail.
2. Classify Benzodiazepines. Mention its mechanism of action, therapeutic uses and adverse effects.

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

10x5=50

3. Enumerate various routes of drug administration. Add a note on sublingual route.
4. Explain the consequences of enzyme induction with examples.
5. Write a short note on selective α_1 blocking drugs.
6. List various intravenous anaesthetic agents. Give advantages and disadvantages of Thiopental sodium.
7. Discuss briefly about atypical antipsychotics.
8. Discuss the adverse effects and treatment of digitalis toxicity.
9. Discuss the adverse effects and therapeutic uses of nitrates.
10. Explain the drug therapy of myocardial infarction.
11. List the antiplatelet drugs. Discuss its therapeutic uses in detail.
12. Thiazide diuretics- Mechanism of actions and therapeutic uses

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

10x3=30

13. What is prodrug. Give two examples.
14. Mention four targets of drug action.
15. Write three therapeutic uses of Adrenaline.
16. Mention three complications of spinal anesthesia.
17. List three benefits of combining levodopa with carbidopa.
18. Mention three contraindications to morphine.
19. Name three drugs used in PSVT.
20. Mention three adverse effects of ACE inhibitors.
21. Enumerate three therapeutic uses of fibrinolytics.
22. Give six essential drugs.

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

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1. Classify NSAIDs. Discuss mechanism of action and therapeutic uses and adverse effect of Aspirin.
2. Classify Cephalosporins. Explain the mechanism of action, adverse effects and therapeutic uses of third generation cephalosporins.

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

10x5=50

3. Write a short note on antitussives.
4. Discuss the pharmacotherapy of diabetic ketoacidosis.
5. Enumerate the therapeutic uses and adverse effects of glucocorticoids.
6. Classify antacids. Explain its role in peptic ulcer.
7. Write a short note on prokinetic drugs.
8. Co-trimoxazole - Mechanism of action and therapeutic uses.
9. Rifampicin - Mechanism of action and therapeutic uses.
10. Discuss the mechanism of action and adverse effect of ketoconazole.
11. Protease Inhibitors - Mechanism of action and adverse effects.
12. Enumerate uterine stimulants. Add a note on therapeutic uses of oxytocin.

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

10x3=30

13. List three disease modifying antirheumatoid drugs (DMARDs).
14. Name three inhaled steroids used in asthma.
15. Give three therapeutic uses of Gonadotropin Analogs.
16. Mention three drugs used in the treatment of thyroid storm.
17. Give three therapeutic uses of octreotide.
18. What is superinfection. Name two drugs causing it.
19. What is radical cure in malaria. Mention the drug used.
20. Explain the basis of MESNA given to reduce the toxicity of cyclophosphamide.
21. Name three chelating agents. Give one specific use of each
22. Name three metallic salts used as antiseptics.