

BLDE (DEEMED TO BE 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. Define bio-availability Describe the factors affecting bio-availability with suitable Examples. (2+5+3)
2. Classify anti- epileptic drugs. Describe mechanism of action and adverse effects of Phenytoin sodium. (3+4+3)

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

10x5=50

3. Organic Nitrates mechanism of action and therapeutic uses.
4. Therapeutic uses and adverse effects of β blockers.
5. Potassium sparing diuretics.
6. Benzodiazepines – Mechanism of action and therapeutic uses.
7. Therapeutic uses of Atropine.
8. Skeletal muscle relaxants - Mechanism of action and therapeutic uses.
9. Digitalis - Mechanism of action and therapeutic uses.
10. Parenteral Iron preparations - indications and adverse effects.
11. ACE Inhibitors - Mechanism of action and therapeutic uses.
12. Lignocaine - Mechanism of action and therapeutic uses.

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

10x3=30

13. Three drugs useful for anaphylactic shock.
14. Three drugs useful in glaucoma.
15. Three contraindications to Morphine
16. Define therapeutic index. Name two drugs with narrow therapeutic index.
17. Three therapeutic uses of Aspirin.
18. Three thrombolytic drugs.
19. Three drugs useful for atrial fibrillation.
20. Three adverse effects of Atorvastatin.
21. Three adverse effects of Loop Diuretics.
22. Three advantages and three disadvantages of Propofol.

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PHARMACOLOGY – PAPER - II

QP CODE: 2006

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

2x10=20

1. Classify anti - TB drugs. Describe Mechanism of action and adverse effects of first line anti - TB drugs. (4+6)
2. Classify Oral anti – diabetic drugs. Describe Mechanism of action and adverse effects of Sulfonylurea drugs. (3+4+3)

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

10x5=50

3. Radioactive iodine - Mechanism of action and adverse effects.
4. OC pills – Types and Mechanism of action
5. Amoxicillin - Mechanism of action and therapeutic uses.
6. Chloroquine – Therapeutic uses and adverse effects.
7. Methotrexat – Pharmacological basis for use in Rheumatoid Arthritis.
8. Leukotrine Antagonists - Mechanism of action and therapeutic uses.
9. Oxytocin - Mechanism of action and therapeutic uses.
10. Co - trimethoxazole - Mechanism of action and therapeutic uses.
11. Osmotic purgatives.
12. Therapeutic uses and adverse effects of Glucorticoids.

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

10x3=30

13. Three drugs given by inhalation in Bronchial asthma.
14. Three uses of Albendazole.
15. Give reason for giving Sucralfate on empty stomach in patient with peptic ulcer.
16. Three uses of EDTA.
17. Three Mucolytic drugs.
18. Three antimetabolites used in the treatment of malignancy.
19. Three SERMs.
20. Three drugs inhibiting Prolactin secretion.
21. Three uses and three adverse effects of Tetracyclines.
22. Three drugs useful for treatment of Lepra Reactions.