

BLDE (DEEMED TO BE UNIVERSITY)

Jan 2020

MBBS PHASE - II EXAMINATION

[Time: 3 Hours]

[Max. Marks: 100]

PHARMACOLOGY – PAPER - I

QP CODE: 2005

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

2x10 = 20

1. Enumerate various routes of drug administration. Describe advantages and disadvantages of Oral and Intravenous routes. (3+3+4=10)
2. Classify Anticholinesterases. Describe the management of Organophosphorous poisoning. (4+6=10)

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

10x5 = 50

3. Therapeutic uses and adverse effects of Adrenaline.
4. Drug Antagonism.
5. Differences between Succinylcholine and Pancuronium
6. Adverse effects and contraindications of Morphine.
7. Mechanism of action and adverse effects of Carbamazepine.
8. Advantages of combining Levodopa with Carbidopa.
9. Mechanism of action and adverse effects of Frusemide.
10. Advantages and Disadvantages of Desflurane.
11. Therapeutic uses of Nitrates.
12. Mechanism of action, uses and adverse effects of Streptokinase.

Short Answer: (Leave three lines gap between the answers.)

10x3 = 30

13. Name any three drugs excreted through bile.
14. Mention any three advantages of Fluoxetine over Imipramine.
15. Give Pharmacological basis for combining Adrenaline with Lignocaine.
16. Explain mechanism of action of Lithium.
17. Explain the role of Digoxin in Atrial fibrillation.
18. Name any three Parenteral iron preparations.
19. Mention any three differences between Nifedipine and Verapamil.
20. Explain mechanism of action of Sodium Nitroprusside.
21. Mention any three uses and three adverse effects of Ramipril.
22. Define Placebo. Name two Substances as placebo.

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PHARMACOLOGY – PAPER - II
QP CODE: 2006

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 Cephalosporins. Describe mechanism of action, therapeutic uses and adverse effects of 3rd Generation Cephalosporin. (3+2+3+2=10).
2. Classify Corticosteroids. Describe their therapeutic uses and adverse effects. (3+3+4=10).

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

3. Insulin- Mechanism of action and adverse effects.
4. OC pills – Therapeutic uses and adverse effects.
5. Therapeutic uses of H1 – anti – histaminics.
6. Mechanism of action of Prokinetic agents.
7. Ciprofloxacin- Mechanism of action and therapeutic uses.
8. Isonicotinic acid hydrazide (INH).
9. Artesunate – Mechanism of action and therapeutic uses.
10. Therapeutic uses and adverse effects of Metronidazole.
11. Mechanism of action and indications of Osmotic Purgatives.
12. PPIs - Mechanism of action, and indications.

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

13. Sodium chromoglycate- Mechanism of action and one indication.
14. Atosiban- Mechanism of action and one indication.
15. Oxidising agents.
16. Ivermectin - Mechanism of action and one indication.
17. Albendazole is preferred over Praziquantel in Neurocysticercosis. Explain.
18. Explain Mechanism of action of Cyclosporin.
19. Tamoxifen- Mechanism of action and one indication.
20. Mention three differences between Ketoconazole and Fluconazole.
21. Name any three chelating agents and give one use of each.
22. Name any three antibiotics used in H.pylori gastritis.