

July 2019

**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. Enumerate drugs used in 'absence seizures'. Write the mechanism of action, adverse effects and therapeutic uses of Sodium Valporate
2. Classify diuretics. Write the mechanism of action, adverse effects and therapeutic uses of hydrochlorothiazide

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

**10x5=50**

3. Therapeutic uses and adverse effects of morphine
4. Mechanism of action and therapeutic uses of venlafaxine
5. Therapeutic uses and adverse effects of telmisartan
6. Therapeutic uses of sympathomimetic drugs with examples
7. Management of angle closure glaucoma
8. Mechanism of action, uses and adverse effects of lignocaine
9. Enumerate cardioselective beta blockers write their advantages and uses
10. Compare and contrast warfarin and heparin
11. Drug antagonism – Types with suitable examples
12. Advantages and disadvantages of intravenous route of drug administration

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

**10x3=30**

13. Define first pass metabolism and its clinical implication
14. Name three drugs for the Treatment of anaphylactic shock with their route of administration
15. Three uses of alpha blockers
16. Rationale for use of nitrates in the management of cyanide poisoning
17. Three advantage and disadvantages of halothane
18. Treatment of succinylcholine apnoea
19. Name three drugs used in hypertensive emergencies with their route of administration
20. Define zero order kinetics with two examples
21. Define iatrogenic diseases and give three examples
22. Rationale for using Oximes in organophosphorous compound poisoning

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

**2x10=20**

1. Discuss the mechanism of action, therapeutic uses, adverse effects and various preparations of insulin.
2. Classify antitubercular drugs. Discuss the mechanism of action, adverse effects and other uses of rifampicin.

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

**10x5=50**

3. Discuss the therapeutic uses of prostaglandins.
4. Write a short note on tocolytics.
5. Discuss the therapeutic regimen used in H.pylori infection.
6. Lugol's Iodine – Mechanism of action and therapeutic uses.
7. Write a short note on selective estrogen receptor modulators (SERM).
8. Discuss briefly on antimicrobial resistance.
9. Explain the mechanism of action and therapeutic uses of levofloxacin.
10. Co-trimoxazole - Mechanism of action and therapeutic uses.
11. List four antimalarial drugs. Discuss the treatment of chloroquine resistant falciparum malaria.
12. Discuss the pharmacotherapy of status asthmaticus.

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

**10x3=30**

13. Rationale for using N-acetylcysteine in paracetamol poisoning.
14. Mention drugs used in gout.
15. Mention three advantages of second generation antihistamines.
16. Mention three therapeutic uses of gonadotropins.
17. Mention three therapeutic uses of purgatives.
18. Name three antiretroviral drugs with their specific adverse effect.
19. Name three topical antifungals.
20. Name three antibiotics used as anticancer agents.
21. Give three uses of d-penicillamine.
22. Name three Antiseptics and three Disinfectants.