

Jan-21

BLDE (DEEMED TO BE UNIVERSITY)
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. Define Volume of distribution. Describe significance of plasma protein binding of drugs giving examples. (2+8=10)
2. Classify anti-cholinergic drugs. Describe pharmacological actions, therapeutic uses and adverse effects of Atropine.

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

10x5 = 50

3. Describe potency, efficacy and therapeutic index giving examples.
4. Describe therapeutic uses of β blockers.
5. Describe therapeutic uses of Neuromuscular blockers.
6. Describe the role of Benzhexol in Parkinsonism.
7. Therapeutic uses and adverse effects of Diazepam.
8. Atypical antipsychotics.
9. Compare and contrast Nitrous oxide and Halothane.
10. Potassium sparing diuretics-Mechanism of action and therapeutic uses.
11. Mechanism of action and adverse effects of Digoxin.
12. Parenteral iron therapy.

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

10x3 = 30

13. Define teratogenicity giving two examples.
14. Morphine is contraindicated in Head Injury. Explain
15. Mention any three techniques of using Lignocaine.
16. Mention any three anti-anxiety drugs.
17. Mention any six advantages of Angiotensin converting enzyme inhibitors as antihypertensives.
18. Name any three Potassium channel openers.
19. Explain mechanism of action of Warfarin.
20. Mention three advantages of combining Nitrates with β blockers in Angina.
21. Name six GPCR.
22. Name any three drugs used in Paroxysmal supraventricular tachycardia.

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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 penicillins. Write the mechanism of action, therapeutic uses and adverse drug reactions of Amoxicillin.
2. Classify drugs used in peptic ulcer. Write mechanism of action, therapeutic uses and adverse effect of Omeprazole. (4+2+2+2)

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

10x5=50

3. Acyclovir – Mechanism of action and therapeutic uses.
4. Artesunate - Mechanism of action and therapeutic uses.
5. Itraconazole - Mechanism of action and therapeutic uses.
6. Metronidazole –Mechanism of action and uses.
7. Metformin.
8. Tocolytics.
9. Methotrexate.
10. Combined OC pill.
11. Salmeterol.
12. BAL.

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

10x3=30

13. Potassium permanganate (KMnO₄) – Mechanism of action.
14. Progestasert- Advantages.
15. Miglitol - Mechanism of action.
16. Tamoxifen Mechanism of action.
17. Name three glucocorticoids given by inhalation
18. Name Three Mucolytics and their uses.
19. Allopurinol Mechanism of action.
20. Doxycycline – Pharmacological basis for use in patient with renal failure.
21. Lugol's Iodine – Therapeutic uses.
22. Albendazole – Mechanism of action.