

July - August - 2021

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 Question 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)

2 x 10 = 20

1. Define Biotransformation of drugs. Describe various reactions involved in biotransformation of drugs with suitable examples.
2. Classify Anti-epileptic drugs. Describe mechanism of action, therapeutic uses & adverse effects of Valproic acid.

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

10 x 5 = 50

3. Plasma half life of drugs and its significance.
4. Pharmacotherapy of glaucoma.
5. Pharmacological Basis for use of Atropine in OP poisoning.
6. Therapeutic uses of ACE Inhibitors.
7. Therapeutic uses of Benzodiazepines.
8. Advantages and disadvantages of Propofol.
9. Mechanism of action and Adverse effects of Warfarin.
10. SSRI.
11. Parenteral Iron therapy.
12. Therapeutic uses & contraindication to Morphine..

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

10 x 3 = 30

13. Name three G-protein coupled receptors.
14. Name three prodrugs
15. Plasma half life of drugs and its significance.
16. Name three drugs with low therapeutic index.
17. Name three drugs useful in PSVT.
18. Write three uses of beta blockers.
19. Write Three uses of Adrenaline
20. Name three Potassium sparing diuretics.
21. Name three Anti-Fibrinolytic drugs.
22. Write three uses of Ethyl Alcohol.

Repeat (Name three drugs useful in treatment of Anaphylaxis)

S. Aikawa
05/8/2021

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1. Classify Penicillins. Describe mechanism of action, therapeutic uses and adverse effects of Amoxicillin.
2. Classify oral anti-diabetic drugs. Describe mechanism of action and adverse effects of Sulfonylurea.

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

10 x 5 = 50

3. Therapeutic uses and adverse effects of Gluco-corticoids.
4. Co-trimethoxazole- Mechanism of action –Therapeutic uses
5. Rifampicin- mechanism of action ^{therapeutic uses} -
6. Dapsone- Mechanism of action – Adverse effects.
7. Metronidazole Mechanism of action –& adverse effects.
8. Second generation anti-histaminic and three advantages.
9. Therapeutic uses of Prostaglandins.
10. PPIS.
11. Therapeutic uses and adverse effects of Aminoglycosides.
12. Oxytocin- Mechanism of action –Therapeutic uses.

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

10 x 3 = 30

13. Three advantages of I¹³¹.
14. Three Inhaled Bronchodilators.
15. Three systemic anti-fungal drugs.
16. Three Anti-malarial drugs.
17. Three anti-emetic drugs.
18. Three uses of Albendazole.
19. Three Mucolytic agents.
20. Three drugs useful in Gout.
21. Three uses of BAL.
22. Three anti-septics