

Feb-2017

BLDE 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 the term Bio-availability. Discuss the various factors which affect bioavailability of an orally administered drug. Name four drugs which are subjected to first pass metabolism.
2. Classify drugs used in the treatment of congestive cardiac failure with examples. Explain the mechanism of action and adverse effects of Digoxin.

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

10x5=50

3. Post marketing surveillance.
4. Nitrate (Glycerol trinitrate)- Mechanism of Action and pharmacokinetics.
5. Phenytoin sodium - Mechanism of Action and Adverse effects.
6. Levodopa - Mechanism of Action and Therapeutic uses.
7. Succinylcholine.
8. Potassium sparing diuretics-Mechanism of Action and Adverse effects.
9. Adverse effects Spinal anesthesia.
10. Synthetic opioid agonists.
11. Heparin versus warfarin.
12. Selective serotonin reuptake inhibitors(SSRIs) - Mechanism of Action and Therapeutic uses.

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

10x3=30

13. Why Lisinopril is contraindicated in hypertensive pregnant women?
14. Aspirin for use in chronic prophylaxis of myocardial infarction- Pharmacological Basis.
15. Iron-sorbitol-citric acid is not suitable for I.V. administration. Give reason.
16. Pharmacological Basis for uses of Atropine as pre-anaesthetic medication.
17. Pharmacological Basis for use of Disulfiram in alcoholic dependant.
18. Benzodiazepines are preferred to barbiturates as sedative hypnotics. Give reason.
19. Rationale for using cholinergic drugs in urinary retention.
20. Name three drugs useful in status epilepticus.
21. Therapeutic uses of Dantrolene sodium.
22. Therapeutic uses of Adrenaline.

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BLDE UNIVERSITY
MBBS PHASE – II EXAMINATION
(REVISED SCHEME)
PHARMACOLOGY - PAPER - I
QP CODE : 2015

[Time : 3 Hours]

[Max.Marks : 100]

Your answer should be specific to the questions asked.
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Write Question No. in left side of margin.

Long Essay: (Answers to be started on fresh page only) 2 x 10 = 20 marks

1. Classify Beta adrenergic antagonists. Describe their pharmacological actions, adverse effects and therapeutic uses of propranolol.
2. Classify antipsychotics. Describe the pharmacological actions, adverse effects and therapeutic uses of Chlorpromazine.

Short Essay: (Answers to be started on fresh page only) 10 x 5 = 50 marks

3. Merits and demerits of IV route of administration.
4. Define drug synergism, types with examples
5. Intravenous general anesthetics.
6. Morphine mechanism of action, uses and adverse effects.
7. Tricyclic antidepressants
8. Enumerate calcium channel blockers and their uses.
9. Thiazides : mechanism of action and adverse effects.
10. Therapeutic uses of Atropine and its analogues.
11. Oral anti coagulants
12. Plasma expanders.

Short Answer: (Leave three lines gap between the answers) 10 x 3 = 30 marks

13. Define placebo and its uses
14. Write three uses of ethyl alcohol
15. Write mechanism of action and two therapeutic uses of lignocaine.
16. Advantages of Carbidopa and Levodopa combination
17. Write three drugs used in Angina pectoris.
18. Name two fibrinolytics and its uses
19. Write three therapeutic uses of Adrenaline
20. Write two cardiac glycosides and their uses.
21. Define iatrogenicity with examples
22. What is succinylcholine apnoea and how to treat it?

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[Max.Marks : 100]

PHARMACOLOGY – PAPER - II

QP CODE: 2006

Your answer should be specific to the questions asked.

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Write Question No. in left side of margin.

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

2x10=20

1. Classify corticosteroids, Write mechanism of action, therapeutic uses adverse effects and of Glucocorticoids
2. Classify Fluoroquinolones. Write mechanism of action, therapeutic uses and adverse effects of ciprofloxacin.

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

10x5=50

3. Cotrimoxazole - Mechanism of action and Therapeutic uses.
4. Tripple drug regimen for H.pyroli infection
5. Amikacin - Mechanism of action, therapeutic uses and adverse effects
6. Pharmacological Basis for the use of Radioactive Iodine in Hyperthyroidism.
7. Pharmacotherapy of diarrhea.
8. Oral contraceptive pills - Mechanism of action, therapeutic uses and adverse effects.
9. Leucotrine antagonists - Mechanism of action and Therapeutic uses.
10. Cyclosporine - Mechanism of action, therapeutic uses and adverse effects
11. Antioxidants - Mechanism of action and therapeutic uses.
12. Vinka alkaloids. - Mechanism of action, therapeutic uses and adverse effects

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

10x3=30

13. Albendazole - Three therapeutic uses.
14. Rifampicin- Three therapeutic uses.
15. L-Asparaginase - Mechanism of action and One therapeutic use.
16. Mucolytics - Three therapeutic use.
17. Doxycyclin - Basis for the safe use in patient with renal failure.
18. Misoprostol - Three therapeutic uses and three adverse effects.
19. Rationale of combining probenecid with penicillin in therapy.
20. Three Tocolytic agents and their use.
21. Name three drug useful in the hepatic amoebiasis.
22. Treatment of Paucibacillary leprosy.

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BLDE UNIVERSITY
MBBS PHASE – II EXAMINATION
(REVISED SCHEME)
PHARMACOLOGY - PAPER - II
QP CODE : 2016

[Time : 3 Hours]

[Max.Marks : 100]

Your answer should be specific to the questions asked.
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Write Question No. in left side of margin.

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

2 x 10 = 20 marks

1. Classify anti tubercular drugs. Explain the mechanism of action, side effects and uses of Rifampicin. (4+2+2+2)
2. Describe the mechanism of action, pharmacological actions and adverse effects of combined oral contraceptive pills. (3+3+4)

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

10 x 5 = 50 marks

3. Enumerate Azole anti fungal agents and mechanism of action and uses.
4. Nucleoside reverse transcriptase inhibitors (NRTIs) : Mechanism of action and adverse effects
5. Artemisinin-based combination therapy
6. Enumerate alkylating agents and their uses
7. Radioactive Iodine : Advantages and disadvantages
8. Proton pump inhibitors
9. Uses of prostaglandins
10. Inhalational Bronchodilators
11. Disease modifying anti rheumatic drugs (DMARDs)
12. Oxytocin mechanism of action and uses

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

10 x 3 = 30 marks

13. Treatment of lepra reaction
14. Tetracyclines are contraindicated during pregnancy and lactation. Explain
15. Name three class of drugs used in the prophylaxis of migraine with an example in each group
16. Drugs used in Myxoedema coma
17. Propranolol is used in hyper thyroidism. Explain
18. Name three H₂ receptor blockers and three different indications for their use
19. Mesalamine
20. Name three cytotoxic immunosuppressants with an indication for each
21. British Anti-Lewisite (BAL)
22. Enumerate three antiseptics and their uses.