

D. Spence  
March-2019  
Batch-2009-11  
[Max.Marks : 100]

**BLDE UNIVERSITY**  
**MBBS PHASE - II EXAMINATION**

[Time : 3 Hours]

**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. Classify Nonsteroidal anti-inflammatory drugs, Write pharmacological actions of salicylates, and a note on treatment of acute salicylate poisoning. (4+4+2)
2. Classify beta adrenergic blocking drugs, write pharmacological actions and therapeutic uses of propranolol. (3+3+4)

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

3. Transdermal drug delivery systems.
4. Pharmacotherapy of glaucoma.
5. Atypical anti-psychotic drug.
6. Indications and contraindications of morphine.
7. Management of Anaphylactic shock.
8. Therapeutic index and its clinical significance with suitable examples.
9. Classify calcium channel blockers. Write their indications and contraindications.
10. Nuclear receptors.
11. Pharmacological Basis for Anti-cholinesterase in the treatment of myasthenia gravis.
12. Iron Preparations – Oral and Parenteral.

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

13. What is Dantrolene? Give its two uses.
14. Name three Fibrinolytic agents.
15. Name three potassium sparing diuretics and give their three adverse effects.
16. Rationale of combining carbidopa and levodopa in the treatment of parkinsonism.
17. Rationale of using lignocaine as anti arrhythmic drug.
18. Rationale for physostigmine in the treatment of atropine poisoning.
19. Mention three nondepolarising skeletal muscle relaxants with their three uses.
20. Mention three drugs used in hypertensive emergencies.
21. Define teratogenicity. Give three examples.
22. Propofol – Three advantages and three disadvantages.

**BLDE (DEEMED TO BE UNIVERSITY)**

**MBBS PHASE - II EXAMINATION**

*D. Space*  
*March-2019*  
*Batch-2012-15*  
[Max.Marks : 100]

[Time: 3 Hours]

**PHARMACOLOGY – PAPER – I**

**QP CODE: 2015**

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 Biotransformation. Explain Biotransformation reactions with examples. Add a note on Microsomal enzyme induction.
2. Classify NSAIDS. Explain the therapeutic uses and adverse effects of Aspirin.

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

**10x5=50**

3. Transdermal route of drug administration
4. Indications and adverse effects of non selective beta adrenergic blockers
5. Dopamine
6. Organic nitrates: mechanism of action and adverse effects
7. Nondepolarizing skeletal muscle relaxants: adverse effects and uses
8. Benzodiazepins: mechanism of action and therapeutic uses.
9. Prazosin- mechanism of action and therapeutic uses.
10. Sodium nitroprusside
11. Mechanism of action local of anaesthetics.
12. Parenteral Iron preparation

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

**10x3=30**

13. Name three drugs useful in management of organophosphorus poisoning.
14. List three therapeutic uses of carbamazepine
15. List two fibrinolytics inhibitors and their uses
16. Rationale for use of vasodilators in cardiac failure
17. List three calcium channel blockers of different groups with their clinical use.
18. Write the mechanism of action and two adverse effects of Fluoxetine.
19. Name three atropine substitutes used in parkinsonism
20. Rationale for use of spironolactone in CHF.
21. Write three uses of Carvedilol.
22. Name three plasma expanders and their use.



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**MBBS PHASE - II EXAMINATION**

D. Space  
March-2019

Batch-2016

[Max. Marks: 100]

[Time: 3 Hours]

**PHARMACOLOGY – PAPER - I**

**QP CODE: 2025**

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: (Answer to be started on fresh page only)**

**2x10 = 20**

1. Classify General Anesthetics. Write mechanism of action, therapeutic uses and adverse effects of Ketamine. (4+2+2+2)
2. Classify anti-hypertensive agents. Write mechanism of action, therapeutic uses and adverse effects of ARBs. (4+2+2+2)

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

**10x5 = 50**

3. Order of kinetics.
4. Atracurium - Mechanism of action and therapeutic uses.
5. Verapamil - Mechanism of action and therapeutic uses.
6. Advantages and Disadvantages of Intravenous route (IV route).
7. Pharmacological basis for use of Ethyl Alcohol in Methyl Alcohol poisoning.
8. Therapeutic uses of beta blockers ( $\beta$  blockers).
9. Mechanism of action and therapeutic uses of Benzodiazepines.
10. Diclofenac - Mechanism of action and therapeutic uses.
11. Warfarin - Mechanism of action and adverse effects.
12. SSRI - Mechanism of action and therapeutic uses.

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

**10x3 = 30**

13. Plasma Half life and its significance.
14. Pharmacological basis for use of Adrenaline in anaphylactic shock.
15. Three uses and three adverse effects of Loop Diuretics.
16. Pharmacological basis for combining Levodopa with Carbidopa in Parkinsonism.
17. Pharmacological basis for use of Atropine in OPC poisoning.
18. Name three drugs precipitating glaucoma and three drugs useful in glaucoma.
19. Three Anti – thrombotic and three Thrombolytic drugs.
20. Three examples of competitive reversible drug antagonists.
21. Amiodarone – three uses and three adverse effects.
22. First dose phenomenon and measures to avoid it.

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MBBS PHASE - II EXAMINATION

[Time : 3 Hours]

D, S page  
March-2019  
Batch-2009-11  
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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 drugs used in peptic ulcer disease. Explain the mechanism of action and enumerate the therapeutic uses of omeprazole. Mention the regimen for eradication of H. Pylori infection.
2. Classify Antimalarial drugs. Describe the mechanism of action, adverse effects and uses of Chloroquine.

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

3. Chloramphenicol – Antimicrobial spectrum, adverse effects and indications.
4. Classify antifungal drugs. Write the mechanism of action of Amphotericin B and list some of its uses.
5. Write the short course chemotherapy regimens for TB given under the RNTCP programme.
6. Treatment of diabetic ketoacidosis.
7. Mention the indications and contraindications of glucocorticoids.
8. Pharmacological actions of vitamin-D & its uses.
9. Pharmacological actions of H1 anti-histaminics and lists their uses.
10. Classify NSAIDS and enumerate their adverse effects.
11. List the DMARDs used in Rheumatoid arthritis. Write the mechanism of action of Methotrexate.
12. Classify drugs used in the treatment of bronchial asthma and write a note on mast cell stabilizers.

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

13. What are advantages of combining clavulanic Acid with B-Lactum antibiotics.
14. Adverse effects of Aminoglycosides.
15. Three groups of Anti-retroviral drugs.
16. Uses of ascorbic acid.
17. Enumerate three drugs used against hepatic amoebiasis
18. Clomiphene citrate – Mechanism of Action and two therapeutic uses.
19. Three groups of Anti-Thyroid drugs.
20. Three group of drugs useful for treatment of Gastro esophageal reflux disease.
21. Three Uses of penicillamine.
22. Three Contraindications to oral contraceptive use.



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

[Time : 3 Hours]

D, Space  
March - 2019  
[Max. Marks : 100]

Batch - 2012-15

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

1. Classify antimalarial drugs. Describe pharmacological actions, adverse effects and therapeutic uses of chloroquine. (4+2+2+2)
2. Classify oral anti diabetics. Write the mechanism of action and adverse effects of any two of them. Add a note on preparations of insulin. (4+2+2+2)

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

3. Mechanism of action, uses and adverse effects of griseofulvin.
4. Enumerate protease inhibitors and their adverse effects
5. Mechanism of development of bacterial resistance
6. Methotrexate : Mechanism of action and adverse effects.
7. Adverse effects of oral contraceptive pills
8. Therapeutic uses of glucocorticoids
9. Enumerate pro kinetic drugs and their uses
10. Proton pump inhibitors : Mechanism of action and uses.
11. Drugs in rheumatoid arthritis
12. Calcineurin inhibitors

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

13. Name three third generation cephalosporins
14. Azithromycin : Mechanism of action and uses.
15. Cotrimaxazole : Mechanism of action and uses.
16. Uses of d-pencillamine
17. Enumerate tocolytics and their uses
18. Enumerate prostaglandin analogues and one use of each
19. Explain the advantages of second generation H1 blockers
20. Name three class of anti asthmatic drugs with one example in each group
21. Therapeutic uses of vitamin K
22. Rationale of using sumatriptan in acute attack of migraine

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**MBBS PHASE - II EXAMINATION**

D. Spore

March-2019

Batch-2016,

[Max. Marks: 100]

[Time: 3 Hours]

**PHARMACOLOGY – PAPER - II**

**QP CODE: 2026**

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: (Answer to be started on fresh page only)**

**2x10 = 20**

1. Classify Fluroquinolones. Write the Mechanism of action, therapeutic uses and adverse effects (3+2+3+2)
2. Classify anti-thyroid drugs. Write mechanism of action, therapeutic uses of Methimazole. Add a note on Radioactive Iodine. (3+2+2+3)

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

**10x5 = 50**

3. Metoclopramide.
4. H<sub>2</sub> – Receptor antagonists.
5. Rifampicin – Mechanism of action and therapeutic uses.
6. Metronidazole –Mechanism of action and uses.
7. Mefloquine.
8. Mini Pill.
9. Oxytocics.
10. Bronchodilators- Mechanism of action and uses.
11. Iron chelating agent-Mechanism of action and therapeutic uses.
12. Cholchicine.

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

**10x3 = 30**

13. Three therapeutic uses of Prostaglandin Analogues.
14. Three Merits and demerits of multidrug therapy (MDT).
15. Three drugs useful in galactorrhoea.
16. SERMs – Three therapeutic uses.
17. Stavudine – Mechanism of action.
18. Chlorhexidine – Mechanism of action
19. Cotrimoxazole – Therapeutic uses.
20. List drugs used for treatment of acute migraine.
21. Itraconazole – Mechanism of action.
22. Methotrexate – Three therapeutic uses and three adverse effects.