

Second B.P.Th. (2012) Examination, Winter 2020
PHARMACOLOGY



Total Duration . 2 Hours

Total Marks . 40

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) Do not write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the right indicates **full marks**.
 - 5) Draw diagrams **wherever necessary**.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answerbook for all sections.

- I. Short answer question (any five out of six) : [5 × 3 = 15]
- a) Write briefly on sublingual route of drug administration giving suitable examples.
 - b) Classify anti-tussive drugs. Write a note on mucolytics.
 - c) Compare and contrast Metoclopramide and Domperidone.
 - d) Write a note on adverse effects of insulin treatment.
 - e) Write a note on topical anti-fungal agents.
 - f) Describe in brief about therapeutic uses of Rifampicin.

51211

[5 × 5 = 25]

2. Short answer question (any five out of six) :

- a) Classify non-steroidal anti-inflammatory drugs (NSAIDs). Write in brief about mechanism of action, adverse effects and therapeutic uses of Diclofenac sodium.
- b) Write the mechanism of action, clinical uses of aminoglycoside antibiotics.
- c) Enumerate various adrenergic drugs. Mention adverse effects and therapeutic uses of Adrenaline.
- d) Write briefly on adverse effects and therapeutic uses of prednisolone.
- e) Classify anti-epileptics. Write briefly on mechanism of action, adverse effects and therapeutic uses of Phenytoin sodium.
- f) Classify anti-hypertensive drugs. Discuss the mechanism of action, adverse effects and Therapeutic uses of Angiotensin converting enzyme inhibitors.

Second B.P.T.H (2012) Examination, (Phase - III) Winter - 2021
PHARMACOLOGY



Total Duration : 2 Hours

Total Marks : 40

- Instructions :**
- 1) Use blue/black ball point pen only.
 - 2) Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) All questions are compulsory.
 - 4) The number to the right indicates full marks.
 - 5) Draw diagrams wherever necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answer book for all sections.

1. Short answer question (any five out of six) : [5 × 3 = 15]
- a) Briefly describe the therapeutic uses of beta blockers.
 - b) Write various sources of drugs with examples of each source.
 - c) Explain why stopping of corticosteroids treatment should be gradual.
 - d) Write the management of status asthmaticus.
 - e) Enumerate indications and ADR of parenteral iron therapy.
 - f) Write prophylactic uses of penicillins giving examples.

2. Short answer question (any five out of six) :

- a) Classify adrenergic drugs. Write therapeutic uses of adrenaline.
- b) Enumerate the drugs used in the treatment of angina pectoris. Discuss mechanism of action and indication of organic nitrates.
- c) Classify hypoglycemic agents. State indications for the use of insulin. Describe adverse reactions to insulin and measures taken to treat them.
- d) Classify Skeletal Muscle Relaxants. Write mechanism of action and uses of non-depolarizing neuromuscular blockers.
- e) Classify drugs used in peptic ulcer management. Write the mechanism of action and uses of Proton Pump Inhibitors.
- f) Classify Non-Steroidal Anti-Inflammatory Drugs. Write important uses and side effects of Aspirin.



Second B.P.Th. (2012) Examination, Winter - 2022
PHARMACOLOGY



Total Duration : 2 Hours

Total Marks : 40

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All** questions are **compulsory**.
 - 4) The number to the **right** indicates **full** marks.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answerbook for **all** sections.

1. Short answer question (**any five** out of six): **[5×3=15]**

- a) Describe plasma protein binding of drugs with suitable examples
- b) Classify antipsychotics. Describe chlorpromazine with regards to its one indication and one adverse drug reaction
- c) Compare and contrast Iron dextran and Iron sorbitol citric acid complex
- d) Discuss the management of status asthmaticus.
- e) What are advantages and disadvantages of oral route of administration?
- f) Mention the drugs used for dry cough. Describe codeine in short.

2. Short answer question (**any five** out of six): **[5×5=25]**

- a) Classify semisynthetic penicillins, Mention its uses.
- b) Mention different types of shocks. Add a note on management of septic shock.

51211

- c) Describe the mechanism of action and adverse effects of Oral Contraceptive Pills.
- d) Classify antihypertensive drugs. Discuss the advantages and disadvantages of drug combinations used in treatment of hypertension
- e) Enlist the drugs used in Constipation. Mention in brief the problems with overuse of purgatives.
- f) Enumerate drugs used in Leprosy. State the management of Lepra reactions.



[Total No. of Pages : 2



Second B.P.TH. (2012) Examination, Winter - 2023 (Phase-II)

PHARMACOLOGY

Total Duration : 2 Hours

Total Marks : 40

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All** questions are **compulsory**.
 - 4) The number to the **right** indicates **full** marks.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answer book for all sections.

1. Short answer question (Solve any 5 out of 6) :

[5×3=15]

- a) Describe in brief management of Myasthenia Gravis.
- b) Compare and Contrast between Thiazide and Furosemide.
- c) Write mechanism of action, therapeutic uses and adverse effects of Metformin.
- d) Write a note on Inhaled steroids in Bronchial Asthma.
- e) Write a note on transdermal drug delivery system giving suitable examples.
- f) Describe the treatment of chronic Gout.

51211

[5×5=25]

2. Short Answer Questions (Solve any 5 Out of 6) :-

- a) Classify Aminoglycosides. Write a note on Gentamicin.
- b) Classify Non Steroidal Anti- Inflammatory drugs. Describe their therapeutic uses and adverse effects.
- c) Classify Sedative and Hypnotics. Describe therapeutic uses of Benzodiazepines and advantages of Benzodiazepines over Barbiturates.
- d) Classify Antihypertensive agents. Describe therapeutic uses, adverse effects and contraindications of Beta adrenergic blockers.
- e) Describe at least 10 factors modifying drug action.
- f) Classify Antithyroid drugs. Describe mechanism of action, uses and advantages of Propylthiouracil.



[Total No. of Pages : 2

51211

Second B.P.T.H. (2012) Examination, Winter - 2024 Phase - III
PHARMACOLOGY



Total Duration : 2 Hours

Total Marks : 40

- Instructions :**
- 1) Use **black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All** questions are **compulsory**.
 - 4) The number to the **right** indicates **full** marks.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answerbook for all Sections.

Q1. Short Answer questions (solve any 5 out of 6) : [5 × 3 = 15]

- a) Write in short about Selective COX 2 inhibitors.
- b) Enumerate Antiemetic drugs and add a note on Metoclopramide.
- c) Write short note on drugs used for Osteoporosis.
- d) Enumerate three advantages and disadvantages of Intravenous routes of administration.
- e) State the mechanism of action of Disulfiram. Mention two drugs producing disulfiram like effect.
- f) Compare and contrast Heparin and Warfarin.

Q2. Short Answer questions (solve any 5 out of 6) : [5 × 5 = 25]

- a) Write classification and uses of Antihistaminics.
- b) Classify Antimalarial drugs . Write short note on Chloroquine.
- c) Write lifesaving Indications and Adverse effect of Corticosteroids.

- d) Write classification of semi synthetic Penicillins. Write its mechanism of action, adverse effects and uses.
- e) Classify drugs used in treatment of Hypertension. Write mechanism of action, adverse effects and uses of Beta Blockers.
- f) Define Adverse Drug Reaction and Describe types of adverse drug reactions with suitable examples.

