



51211

Second B.P.T.H. (2012) Examination, Winter 2018
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** Section.

1. Short answer question (**any five** out of six) : (5×3=15)
- a) Define Adverse Drug Reaction (ADR). Explain the difference between type A and type B ADR ?
 - b) Enumerate Atropine analogues . Explain the rationale of using atropine as preanaesthetic medication.
 - c) Explain the mechanism of action and adverse effects of nitrates.
 - d) Explain the role of Sulphasalazine in the management of Rheumatoid arthritis.
 - e) Why Diazepam is preferred over Phenobarbitone as hypnotic ? Explain.
 - f) Enumerate drugs used in the treatment of Leprosy . Describe the mechanism of action and adverse effects of Clofazamine.

P.T.O.



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

(5x5=25)

- a) Compare and contrast between non depolarizing and depolarizing muscle relaxant.
 - b) Classify drugs used in the treatment of Bronchial asthma. Explain in detail Ipratropium bromide.
 - c) Morphine use leads to constipation and pruritis. Explain and mention its management.
 - d) Classify antithyroid drugs. Give uses and adverse effects of carbimazole.
 - e) Define Drug antagonism. Enumerate different types of Drug antagonism citing examples.
 - f) Describe mechanism of action and adverse effects of Chlorpromazine.
-



51211

Second B.P.Th. (2012) Examination, Summer 2018
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) Define Bioavailability of a drug. Mention four factors affecting bioavailability.
 - b) List aminoglycosides. Write in brief about its Pharmacological basis for use in infections. Mention two uses and two adverse effects.
 - c) Classify benzodiazepines. Write three therapeutic uses and two adverse effects of diazepam.
 - d) Mention drugs used in treatment of Rheumatoid arthritis. What is the rationale for use of methotrexate in the treatment of Rheumatoid arthritis ?
 - e) Enumerate glucocorticosteroids. Write three therapeutic uses and three adverse effects.
 - f) Mention drugs used in Acid peptic diseases. Write the rationale for use of action and therapeutic uses of Omeprazole.

P.T.O.



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

(5×5=25)

- a) Classify drugs used in hypertension . Write the rationale for its use in hypertension. Mention three therapeutic uses and two adverse effects of (Angiotensin Converting Enzyme) ACE-inhibitors.
 - b) Classify drugs used in Bronchial asthma. Mention therapeutic indications, routes of administration and adverse effects of Salbutamol.
 - c) Classify opioid analgesic drugs . Write the three therapeutic uses , three adverse effects and two contraindications for Morphine.
 - d) Classify first line anti tubercular drugs. Write a note on therapeutic uses and adverse effects of Rifampicin.
 - e) Classify skeletal muscle relaxants. Write therapeutic uses, adverse effects and uses of succinylcholine.
 - f) Name the drugs used in the treatment of organophosphorous poisoning giving rationale for their use.
-



51211

Second B.P.Th. (2012) Examination, Winter 2017
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) Enumerate parenteral routes of administration of drugs. Give examples.
 - b) What is a hypnotic drug ? Write important uses of diazepam.
 - c) What are anticholinesterases ? Write three differences between neostigmine and physostigmine.
 - d) Enumerate anti platelet agents. How do they prevent agglutination of platelets ?
 - e) Write drugs used in megaloblastic anemia. How do they act ?
 - f) Write important uses and adverse effects of amoxicillin.

 2. Short answer question (**any five** out of six) : (5×5=25)
 - a) Which drugs are used in Parkinson's disease ? Why L-dopa is combined with carbidopa ?
 - b) Enumerate NSAIDs. Write therapeutic uses of Aspirin.
 - c) Enlist beta blockers. Write mechanism of antihypertensive effect and important uses of propranolol.
 - d) Enumerate glucocorticoids. What are their therapeutic uses ?
 - e) Enumerate bronchodilators. Write the drug treatment of status asthmaticus.
 - f) Classify diuretics. What are indications for furosemide ?
-



**Second B.P.Th. (2012) Examination, Summer 2017
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) Write on therapeutic uses of Atropine.
- b) What is the rationale of combining levodopa-carbidopa in treatment of parkinsonism ?
- c) Write mechanism of action and 2 therapeutic indications of Ampicillin.
- d) Name 2 pro-kinetic agents. Write their mechanism of action.
- e) What is biological half life ? Write its clinical significance.
- f) Write short course chemotherapy for a patient suffering from pulmonary tuberculosis.

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

(5×5=25)

- a) Classify drugs used in treatment of hypertension. Write mechanism of action and adverse effects of ACE-Is.
- b) Enumerate insulin preparations. Explain the therapeutic uses and adverse effects of them.
- c) Explain the pharmacological actions and therapeutic uses of paracetamol. Add on treatment of paracetamol poisoning.
- d) Classify various routes of drug administration. Mention merits and demerits of parenteral route of drug administration.
- e) Define Adverse Drug Reactions (ADRs). Discuss various types of ADRs with appropriate example.
- f) Classify antiasthmatics. Write treatment of status asthmatics in brief.



51211

Second B.P.Th. (2012) Examination, Winter 2016
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) : (5x3=15)
 - a) Define Bioavailability. Write factors affecting it.
 - b) Define antitussives. Write classification of antitussive drugs.
 - c) Write pharmacotherapy of myasthenia gravis.
 - d) Write drug therapy for status asthmaticus.
 - e) Write drug treatment of multibacillary leprosy.
 - f) State mechanism of action of succinylcholine.

 2. Short answer question (**any five** out of six) : (5x5=25)
 - a) Classify antiepileptic drugs. Write mechanism of action and uses of carbamazepine.
 - b) Classify opioid analgesics. Write actions of morphine.
 - c) Classify antiemetic drugs. Write differences between domperidone and metoclopramide.
 - d) Classify antianginal drugs. Write mechanism of action and adverse effects of nitrates.
 - e) Write mechanism of action, uses and adverse effects of aminoglycosides.
 - f) Classify corticosteroids. State their uses and adverse effects.
-



Second B.P.T.H. (2012) Examination, Summer 2016
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) : (5x3=15)
 - a) Mention three therapeutic uses and three adverse effects of Adrenaline.
 - b) Classify skeletal muscle relaxants. Write their two therapeutic uses and two adverse effects.
 - c) Describe mechanism of action and two therapeutic uses of Omeprazole.
 - d) Classify drugs used in the treatment of Parkinsons disease. Mention the advantages of Ropinirole over levodopa in the treatment of Parkinsonism.
 - e) Mention three therapeutic uses and three adverse effects of Glucocorticoids.
 - f) Define bio-availability. Mention four factors affecting bio-availability.

2. Short answer question (**any five** out of six) : (5x5=25)
 - a) Describe mechanism of action, four therapeutic uses and three adverse effects of Aspirin.
 - b) Enumerate various parenteral routes of drug administration. Mention three advantages and three disadvantages of Intravenous route.
 - c) Enumerate beta- blockers. Describe mechanism of action, three therapeutic uses and two adverse effects of beta-blockers.
 - d) Classify Penicillins. Mention mechanism of action, three therapeutic uses and two adverse effects of Penicillin.
 - e) Enumerate three Atropine substitutes along with their uses, giving suitable examples.
 - f) Describe mechanism of action, two therapeutic uses and two adverse effects of Insulin. Enumerate various Insulin analogues.