

**SRI DEVRAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)**

**Bachelor of Physiotherapy (CBCS), Second Year Semester – IV,
July / August-2019 Examination**

Time: 2 Hrs.

Max Marks: 40 Marks

Pharmacology

Q.P Code: B4100

Your answer should be specific to the question asked.

Draw neat labeled diagrams wherever necessary.

Long essay

1 × 10 = 10 Marks

1. a. Classify drugs used in treatment of Parkinson's disease. (5)
b. Explain the mechanism of action of five drugs from different groups. (5)

Short essay (Answer any three)

3 × 5 = 15 Marks

2. Explain the mechanism of action, uses and adverse effects of atropine. (1+2+2)
3. Explain the mechanism of action, uses and adverse effects of furosemide. (1+2+2)
4. List the uses and adverse effects of prednisolone. (2.5 +2.5)
5. Explain the mechanism of action heparin and list its advantages over low molecular weight heparin. (1+4)

Short answers (Answer any five)

5 × 3 =15 Marks

6. Mention **two** uses and one adverse effect of aspirin.
7. Mention **two** uses and one adverse effect of insulin.
8. Mention **three** drugs used in treatment of myasthenia gravis.
9. Mention **three** uses of adrenaline.
10. Mention **three** drugs from different categories used in treatment of bronchial asthma.
11. Mention **three** routes of drug administration with examples.

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Time: 2 Hrs.

Max Marks: 40 Marks

Pharmacology

Q.P Code: PT109

Your answer should be specific to the question asked.

Draw neat labeled diagrams wherever necessary.

Long essay

1 × 10 = 10 Marks

1. a. Classify drugs used in treatment of Parkinson's disease. (5)
b. Explain the mechanism of action of five drugs from different groups. (5)

Short essay (Answer any three)

3 × 5 = 15 Marks

2. Explain the mechanism of action, uses and adverse effects of atropine. (1+2+2)
3. Explain the mechanism of action, uses and adverse effects of furosemide. (1+2+2)
4. List the uses and adverse effects of prednisolone. (2.5 +2.5)
5. Explain the mechanism of action heparin and list its advantages over low molecular weight heparin. (1+4)

Short answers (Answer any five)

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6. Mention **two** uses and one adverse effect of aspirin.
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Time: 2.30 Hrs.

Max Marks: 80 Marks

General Medicine and Cardio-respiratory Conditions

Q.P Code: B4110

Your answer should be specific to the question asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY (Answer any Two)

2 X 10 = 20 Marks

1. Define hypertension. Discuss the classification, clinical features, complications and management of hypertension.
2. Enumerate the organism causing pneumonia. Discuss the clinical features, management and complications of bacterial pneumonia.
3. Discuss the etiology, clinical features and management of lung abscess.

SHORT ESSAY (Answer any Six)

6 X 5 = 30 Marks

4. Discuss the clinical features and management of bronchiectasis
5. Discuss the mode of transmission and management of HIV
6. Write a short note on pulmonary function test
7. Discuss the different types of protein energy malnutrition
8. Discuss the clinical features and management of GI bleed
9. Discuss the clinical features and management of anemia
10. Discuss the signs and symptoms and management of emphysema
11. Write a short note on hypothyroidism

SHORT ANSWER (Answer any Ten)

10 X 3 = 30 Marks

12. List the causes of pedal edema
13. Write a note on tetralogy of fallot
14. List the causes for ascetis
15. List the clinical feature and causes of dengue fever
16. Mention the adverse effects of alcohol consumption
17. List the causes of haemoptysis
18. List the complications of blood transfusion
19. List the causes of epigastric pain
20. Write a note on Wilson's disease
21. Classify psychiatric disorders
22. Write a note on psoriasis
23. List the causes of obstructive lung diseases

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**Bachelor of Physiotherapy (CBCS), Second Year Semester – IV,
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Time: 2.30 Hrs.

Max Marks: 80 Marks

General Surgery and Cardio Thoracic Conditions

Q.P Code: B4120

Your answer should be specific to the question asked.

Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Describe incontinence under (a) Definition (b) Types (c) Causes (d) Assessment (e) Management?
2. What are the different types of Skin grafting? Mention the indications, contra-indications, advantages and complications of split skin grafting.
3. Write an essay on etiology and pathogenesis of Atherosclerosis.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Classify burns and explain rule of nine?
5. Factors promoting wound healing.
6. What are the indications of blood transfusion?
7. Write a note on Buerger's disease.
8. Discuss the Hemothorax and its management.
9. Discuss the causes and clinical features of Carcinoma breast
10. Types of skin flap.
11. Difference between hypertrophic scar and keloid.

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

12. What are different suture materials
13. Enumerate chest wall deformities?
14. Name different type of incisions on abdomen?
15. Types of scar.
16. Colostomy- types.
17. What are type of embolism.
18. Define Bronchiectasis.
19. Factors affecting bleeding during surgery.
20. What are the Lesions of the Mediastinum.
21. Write a note on bronchogenic carcinoma.
22. What is CABG?
23. List the complications of general anesthesia.

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Bachelor of Physiotherapy (BPT), Second Year Semester – IV,
July/August-2019 Examination.

Time: 2.30 Hrs.

Max Marks: 80 Marks

General Surgery and Cardio Thoracic Conditions

Q.P Code: PT112

Your answer should be specific to the question asked.

Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Describe incontinence under (a) Definition (b) Types (c) Causes (d) Assessment (e) Management?
2. What are the different types of Skin grafting? Mention the indications, contra-indications, advantages and complications of split skin grafting.
3. Write an essay on etiology and pathogenesis of Atherosclerosis.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Classify burns and explain rule of nine?
5. Factors promoting wound healing.
6. What are the indications of blood transfusion?
7. Write a note on Buerger's disease.
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9. Discuss the causes and clinical features of Carcinoma breast
10. Types of skin flap.
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21. Write a note on bronchogenic carcinoma.
22. What is CABG?
23. List the complications of general anesthesia.

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