



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

Bachelor of Physiotherapy (BPT)

Second Year Semester – IV March 2024 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 X 10 = 10 Marks

1. a Classify Non steroidal anti-inflammatory drugs (NSAIDs) (4)
b. Explain the mechanism of action, uses and adverse effects of diclofenac (2+2+2)

SHORT ESSAY (Answer any Three)

3X 5 = 15 Marks

2. Explain the mechanism of action, uses and adverse effects of neostigmine (2+2+1)
3. Explain the mechanism of action, uses and adverse effects of glyceryl trinitrate (2+2+1)
4. Explain the mechanism of action, uses and adverse effects of insulin (2+2+1)
5. Explain the mechanism of action, uses and adverse effects of pancuronium (1+2+2)

SHORT ANSWERS (Answer any five)

5 X 3 = 15 Marks

6. Mention **three** types of drug antagonism with **one** example for each
7. Mention **three** uses of adrenaline
8. Mention **one** use and **two** adverse effects of levodopa
9. Mention **three** drugs used in treatment of spasticity
10. Mention **three** uses of cyclosporine
11. Mention **two** uses and **one** adverse effect of heparin

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Time: 2.30 Hrs.

Max Marks: 80 Marks

General Surgery & 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. Define varicose veins, CEAP classification, complications and management of varicose veins of lower limb?
2. Define cholecystectomy, list the indications, incisions and complications of cholecystectomy.
3. Describe the etiology, clinical features, investigations & treatment of carcinoma of breast?

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. List the difference between hypertrophic scar and keloid
5. Explain the incision, indications and management of appendicectomy
6. Explain the surgical management for inguinal hernia
7. Explain the etiology, clinical features and management of Buerger's disease
8. Explain the types, clinical features and surgical management of pneumothorax
9. Explain the clinical features, complications and management of atherosclerosis
10. Explain the indications, complications of cardiac surgeries
11. Explain the types, clinical features and management of pleural effusion

SHORT ANSWERS (Any Ten)

10 x 3 = 30 Marks

12. List the types of biopsy
13. List types and uses of skin grafts
14. List various cardiac tumors
15. List the factors affecting wound healing
16. List the incisions of abdominal surgeries with help of a diagram
17. Write a note on Pulmonary Embolism
18. List the complications of blood transfusions
19. List the factors affecting bleeding during surgery
20. What is LABC and TNM staging of breast cancer?
21. List the muscles affected in facial nerve palsy
22. List the types of enteral nutrition
23. Write a note on Tension pneumothorax