



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

**B.Sc. Allied Health Sciences Second Year (Semester-IV)**

**March 2024 Examination**

**B.Sc. Cardiac Perfusion Technology**

**Time : 2 Hrs.**

**[Max. Marks : 40]**

**Applied Pharmacology**

**Q.P Code : J4820**

**LONG ESSAY**

**1 X 10 = 10 Marks**

1. Classify insulin preparations. Explain the mechanism of action and adverse effects of insulin

**SHORT ESSAY (Answer any three)**

**3 X 5 = 15 Marks**

2. Classify corticosteroids with examples
3. Define and classify anti-tubercular drugs with examples
4. Explain mechanism of action, uses and adverse effects of theophylline
5. Explain mechanism of action, uses and adverse effects of any of aminoglycosides

**SHORT ANSWERS (Answer any five)**

**5 X 3 = 15 Marks**

6. List three immunosuppressive agents and write its uses
7. List three anti tussives and write three uses
8. Classify tetracyclines
9. List three uses and adverse effects of prednisolone
10. Write uses and adverse effects of doxycycline
11. Uses and adverse effects of succinyl apnea

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