

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

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

July – 2019 Examination

B.Sc. Operation Theatre Technology (OTT)

Time : 2.30 Hrs.

Paper - III

[Max. Marks : 80]

Pharmacology

Q.P Code : AHS - 117

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Enumerate Aminoglycosides. Write their general properties and therapeutic uses of amikacin.
2. Classify corticosteroids. Write the therapeutic uses and adverse effects of glucocorticoids.

SHORT ESSAY (Answer any Six)

6X 5 = 30 Marks

3. Management of diabetic ketoacidosis.
4. Explain mechanism of action, uses and adverse effects of enalapril.
5. Human albumin.
6. Therapeutic uses and adverse effects of amoxicillin.
7. Guidelines for surgical prophylaxis with antibiotics.
8. Uses and adverse effects of theophylline.
9. Explain mechanism of action, uses and adverse effects of nitroglycerine.
10. Explain mechanism of action, uses and adverse effects of Ciprofloxacin.

SHORT ANSWERS (Answer any Ten)

10 X 3 = 30 Marks

11. Adverse effects of cephalosporins.
12. Mechanism of action and uses of ondansetron
13. Therapeutic uses of H₂ Blockers.
14. Mechanism of action and uses of sulfonylureas.
15. Therapeutic uses of Metronidazole.
16. Amoxicillin combined with clavulanic acid- Give reason.
17. List three uses of frusemide.
18. Enumerate insulin analogues.
19. Therapeutic uses of H₁ blockers.
20. Management of anaphylactic shock due to penicillin.
21. Mechanism of action and uses of omeprazole.
22. List three calcium channel blockers.

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