

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

**February-2018 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. Mention various routes of administration of drugs write the advantages and disadvantages of oral route of administration of drugs.
2. Classify beta blockers. Write the therapeutic uses and adverse effects of beta blockers.

**SHORT ESSAY (Answer any Six)**

**6X 5 = 30 Marks**

3. Explain mechanism of action, uses and adverse effects of diazepam.
4. Lignocaine.
5. Atracurium.
6. Drug antagonism.
7. Atropine substitutes.
8. Dissociative anaesthesia.
9. Management of anaphylactic shock.
10. Inducing intravenous anaesthetic agents.

**SHORT ANSWERS (Answer any Ten)**

**10 X 3 = 30 Marks**

11. Mention three complications of general anaesthesia.
12. Define enzyme inhibitors. Give two examples.
13. Mention three drugs eliminated by non-renal route.
14. Name two osmotic diuretics with their routes of administration.
15. Mention three centrally acting skeletal muscle relaxants.
16. List three uses of adrenaline.
17. Enlist three beta agonist agents used in bronchial asthma.
18. Explain succinylcholine apnoea with its treatment.
19. Define bioavailability. Mention two factors which influence bioavailability.
20. Define eutectic mixture. Write one therapeutic indication of IT.
21. List three inhalational anaesthetic agents.
22. Mention two drugs used in the treatment of organophosphorus poisoning with their rationale.