

B.Sc. OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY

SECOND YEAR

PAPER I – APPLIED PHARMACOLOGY AND MICROBIOLOGY

Q.P. Code: 801111

Time : Three Hours

Maximum : 100 Marks

Answer All Questions.

I. Elaborate on:

(3 x 10 = 30)

1. Classify Beta blockers. Write the uses and adverse effects of beta blockers.
2. Physical methods of sterilization.
3. Pathogenesis, diagnosis and treatment of Wound infections.

II. Write notes on:

(8 x 5 = 40)

1. Classify Antihistamines. Add a note on the clinical uses of antihistamines.
2. Pre-anesthetic medication.
3. Mechanism of action of Diazepam.
4. Nondepolarising muscle relaxants.
5. Blood stream infections.
6. Type 1 Hypersensitivity.
7. Diagnosis of HIV.
8. Lower respiratory tract infections.

III. Short Answers on:

(10 x 3 = 30)

1. Adverse effects of sedative hypnotics.
2. Therapeutic uses of Xylocaine.
3. Theophylline.
4. Three examples of antacids.
5. Antifungal antibiotics.
6. Prevention of nosocomial infections.
7. Decontamination.
8. *Salmonella typhimurium*.
9. Any three IV associated infections.
10. Prevention of hepatitis infection.
