

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. Pre anaesthetic medication and write in detail about one of them.
2. Local anaesthetic drugs and write in detail about ligocaine.
3. Hospital acquired infection – define, enumerate and explain the preventive measure.

II. Write notes on:**(8 x 5 = 40)**

1. Calcium channel blockers.
2. Hepatitis B vaccine.
3. Gaseous sterilisation.
4. Stapholcoccus with special mention of MRSA.
5. Morphine – its uses and adverse reaction.
6. Uses of ephedrine.
7. Amiodarone.
8. Succnyl choline.

III. Short answers on:**(10 x 3 = 30)**

1. Types of beta blockers.
2. Toxicity of atropine.
3. Ranitidine.
4. Sublingual route of drug administration.
5. Uses of aspirin.
6. Decontamination.
7. Antihistamines.
8. Gram staining
9. Negative pressure.
10. MRSA.