

[LJ 0816]

AUGUST 2016

Sub. Code: 1111

**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. Define local anaesthesia. Explain the mechanism of action, therapeutic uses and various preparation of Lignocaine.
3. Write in detail about blood stream infections.

II. Write notes on:

(8 x 5 = 40)

1. Pre anaesthetic medication.
2. Ca channel blockers.
3. Write a note on Antisialagogues.
4. Midazolam.
5. Pharmacology of Morphine.
6. Write a note on Nondepolarising muscle relaxants.
7. Autoclave.
8. Hepatitis B infection.

III. Short Answers on:

(10 x 3 = 30)

1. Uses of ephedrine.
2. Name two Angiotensin converting enzyme inhibitors and mention their uses.
3. Name two diuretics and their adverse effects.
4. Adverse effects of Aspirin.
5. Uses of Lorazepam.
6. What is Mucaine gel?
7. Decontamination.
8. Salmonella typhi.
9. Name two bronchodilatore and mention two adverse effects.
10. Filtration.
