

[LG 0215]

FEBRUARY 2015

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. Define and classify Muscle relaxants. Add notes on Mechanism of action, dosage and clinical significance.
2. Anti – Hypertensives.
3. Define Sterilization. Add notes on Dry and Moist heat methods.

II. Write notes on:

(8 x 5 = 40)

1. Chemical method of sterilization.
2. Disinfection and decontamination.
3. Respiratory tract infection.
4. Grams stain.
5. NSAIDS.
6. Indication of steroids.
7. Calcium channel blockers.
8. Anti – ulcer drugs.

III. Short Answers on:

(10 x 3 = 30)

1. Tocolytics.
2. Broncholytic agents.
3. Fight, Freight and Flight response.
4. Local anesthetics.
5. Diagnostic test for HCV.
6. Radiation.
7. Hot air oven.
8. What are the types of hospital acquired infection?
9. Salmonella typhi.
10. Usage of Ketamine.
