

[LD 0212]

AUGUST 2013

Sub. Code: 1111

**B.SC. OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY**

**SECOND YEAR**

**PAPER I – APPLIED PHARMACOLOGY & MICROBIOLOGY**

*Q.P. Code: 801111*

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions.**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Urinary tract infection – Pathogenecity and prevention
2. Define sterilization. Add notes on physical methods.
3. Describe the treatment of bronchial asthma

**II. Write notes on:**

**(8 x 5 = 40 )**

1. Disinfection and Decontamination
2. Salmonella typhi, paratyphi and typhimurium
3. Procedure of Grams stain with diagram
4. Prevention of Hospital acquired Infection
5. Classify Muscle relaxants
6. Indication, preparation and administration of Nitroglycerine
7. Penicillin
8. Calcium channel blockers

**III. Short Answers on:**

**(10 x 3 = 30 )**

1. Filtration
2. Wound infection
3. Hepatitis C virus
4. Hot air oven
5. Incineration
6. Usage of colistin
7. Usage of Aminophylline
8. Heparin
9. Mannitol
10. Ondanseteron

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