

**B.Sc. ACCIDENT AND EMERGENCY CARE TECHNOLOGY  
SECOND YEAR  
PAPER I – PATHOLOGY, MICROBIOLOGY, PHARMACOLOGY**

*Q.P. Code: 801016*

**Time: Three Hours**

**Maximum: 100 Marks**

**Answer all questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Define shock. Write about the types of shock and elaborate on septic shock.
2. Define sterilization. Write about physical and chemical agents used in sterilization.
3. Classify Anti-hypertensive drugs. Write about the diuretics used in hypertension treatment.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Viral Carcinogenesis.
2. Granuloma.
3. Types of Gangrene.
4. Autoimmunity.
5. Universal Precautions.
6. Human immunodeficiency virus.
7. Broncho dilators.
8. Proton Pump Inhibitors.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Signs of Inflammation.
2. Apoptosis.
3. Bleeding Time.
4. Vitamin D Deficiency.
5. Name any three disinfectants used in hospital.
6. Name any two fungal culture media.
7. Immunoglobulin M.
8. Green Bag in waste disposal.
9. Name any three antiretroviral drugs.
10. Heparin.

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