

**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 Tumour. Write the difference between benign and malignant tumour. Add a note on viral carcinogenesis.
2. Define and classify hypersensitivity. Write about Type IV hypersensitivity.
3. Write in detail about neuromuscular blocking agents.

II. Write notes on:

(8 x 5 = 40)

1. Chemical Mediators of Inflammation.
2. Dengue Fever.
3. Septic Shock.
4. Blood grouping.
5. Hepatitis C.
6. Gram Staining.
7. Treatment of organophosphorous poisoning.
8. Anti-fungal drugs.

III. Short answers on:

(10 x 3 = 30)

1. Define Gangrene.
2. Name any three causes of Granulomatous inflammation.
3. Types of Angina.
4. Name any three Rickettsial infections.
5. Name any three opportunistic infections in AIDS.
6. Name any three methods of sterilization.
7. Opsonins.
8. Name any three Beta blockers used in treatment of hypertension.
9. Name any three toxic effects of lead.
10. Define bioavailability.
