

[LB 0212]

AUGUST 2012

Sub. Code: 1011

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

Q.P. Code : 801011

Time : Three hours

Maximum : 100 marks

(180 Mins) Answer ALL questions in the same order.

I. Elaborate on:

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Chemical Mediators of acute inflammation.	7	20	10
2. Mechanism of cell injury and repair.	7	20	10
3. Biology of tumor growth in benign & Malignant neoplasms.	7	20	10

II. Write notes on:

1. Systematic effects of inflammation.	4	10	5
2. Natural Killer Cells.	4	10	5
3. Anaerobes.	4	10	5
4. Normal Microbial flora of human body.	4	10	5
5. Universal Precautions.	4	10	5
6. Genetic Implications in cancer.	4	10	5
7. Multidrug resistance tuberculosis.	4	10	5
8. Clinical features of AIDS.	4	10	5

III. Short Answers:

1. Carcinoma.	2	4	3
2. Apoptosis.	2	4	3
3. Innate Immunity.	2	4	3
4. Oncogene.	2	4	3
5. Commensals.	2	4	3
6. Multidrug Resistance.	2	4	3
7. Subcutaneous Medications.	2	4	3
8. Tumor Metastasis.	2	4	3
9. Autoimmunity.	2	4	3
10. Opsonins.	2	4	3
