

DIPLOMA IN ACCIDENT AND EMERGENCY CARE TECHNOLOGY
(New Syllabus 2014-2015 & 2015-2016)

SECOND YEAR

PAPER I – PATHOLOGY, MICROBIOLOGY AND PHARMACOLOGY

Q.P. Code: 841041

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Define Neoplasia? Write in detail about carcinogenic agents and their cellular interaction.
2. Define culture methods? Write in detail about various culture methods.
3. Write in detail about various route of drug administration.

II. Write notes on:

(10 x 5 = 50)

1. Nosocomial infection.
2. Chronic inflammation.
3. Humeral cellular immunity.
4. Oppertunistic parasitic infection.
5. Necrosis.
6. Lab diagnosis of HIV.
7. Type III hypersensitivity reaction.
8. Phagocytosis.
9. Drug absorption.
10. Drug metabolism.

III. Short answers on:

(10 x 2 = 20)

1. IgM.
2. Bioavailability of drugs.
3. Macrophage.
4. Active immunity.
5. Infection.
6. Atropy.
7. Joseph Lister.
8. Xero order kinetics.
9. Drug potency.
10. Antiseptics.
