

[LJ 0816]

AUGUST 2016

Sub. Code: 1041

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

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 and classify the various Route of Drug Administration.
2. Explain Cellular response, adaptation, injury and cell death.
3. Explain Sterilization and Disinfection.

II. Write notes on:

(10 x 5 = 50)

1. Explain clinical pharmacokinetics.
2. Free radicals and Antioxidants.
3. Explain clinical features of leukemia.
4. Enumerate Immunoprophylaxis with examples.
5. Explain Benign tumors.
6. Autoclave.
7. Chronic inflammation.
8. Normal microbial flora of human body.
9. Immunoglobulins.
10. Laboratory diagnosis of HIV.

III. Short answers on:

(10 x 2 = 20)

1. Define passive immunity.
2. Allergy.
3. Bacterial flagella.
4. Define Neoplasia.
5. Name any two carcinogenic agents.
6. Gram staining.
7. Signs of Inflammation.
8. Define Antidote.
9. Define Apoptosis.
10. Sedatives.
