

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. Write in detail about HIV.
2. Define pharmacokinetics. Explain in detail about the various Routes of administration.
3. Define Inflammation and explain Acute Inflammation in detail.

II. Write notes on:

(10 x 5 = 50)

1. Autoimmune disorders.
2. Explain clinical features of Leukemia.
3. Explain Teratogenicity with examples.
4. Enumerate on Immunoprophylaxis with examples.
5. Erythroblastosis foetalis.
6. Complications of Blood Transfusion.
7. Morphology of Bacteria.
8. Explain the types of drug induced hypersensitivity with examples.
9. Drug absorption.
10. Explain in detail about the pathogenesis and laboratory diagnosis of Malarial parasites.

III. Short answers on:

(10 x 2 = 20)

1. Give two examples of aldehydes used in disinfection.
2. Drugs causing hepatotoxicity.
3. Name the bacteria causing food poisoning.
4. Define antidote. Give 2 examples.
5. Acid fast staining.
6. Enlist two infections caused by the various herpes viruses.
7. Give two examples of Idiosyncratic reactions.
8. Define Necrosis and mention types of necrosis.
9. Hyperplasia.
10. Causes for cell injury.