



[AHS 0321]

MARCH 2021

Sub. Code: 1016

(AUGUST 2020 EXAM SESSION)

B.Sc. ACCIDENT AND EMERGENCY CARE TECHNOLOGY

SECOND YEAR (From 2014-2015 onwards)

PAPER I – PATHOLOGY, MICROBIOLOGY, PHARMACOLOGY

Q.P. Code : 801016

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Discuss in detail about the agents causing an infection in ICU, mode of transmission of an infection and its preventive measures.
2. Discuss in detail the mechanism of cell injury.
3. Write mechanism of action, pharmacokinetics and adverse effects of Sympathetic and Parasympathetic agents.

II. Write notes on:

(8 x 5 = 40)

1. Antihistamines.
2. Culture media and its types.
3. Chemical mediators of inflammation.
4. Hepatitis C.
5. Methods of transmission of infection.
6. Drugs used in the treatment of bronchial Asthma.
7. Viral Carcinogenesis.
8. Granuloma.

III. Short answers on:

(10 x 3 = 30)

1. Clinical features of typhoid.
2. Signs of inflammation.
3. T - Lymphocyte.
4. Carrier and its types.
5. Name any three anticoagulants.
6. Apoptosis.
7. Types of immunity.
8. Vitamin D Deficiency.
9. Immunoglobulin M.
10. Beta blockers.

