

DIPLOMA IN CRITICAL CARE TECHNOLOGY
SECOND YEAR
PAPER II – APPLIED MICROBIOLOGY & INFECTION CONTROL
INCLUDING CSSD

Q.P. Code: 841212

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Define Hospital Acquired infections and discuss the etiology and prevention of CLABSI (Catheter related Blood stream infections).
2. Define infection and discuss about routes of transmission of infection.
3. Discuss in detail about the critical care management of a patient with Dengue infection.

II. Write notes on:

(10 x 5 = 50)

1. Influenza Virus.
2. Routes of transmission of foodborne infection.
3. Chemical disinfectants.
4. Enteric fever.
5. Leptospirosis.
6. HIV infection.
7. Respiratory etiquette.
8. Safe injection practices.
9. Dehydration.
10. Management of infectious waste.

III. Short answers on:

(10 x 2 = 20)

1. Mention two Radiation agents used for sterilisation.
2. Name two stains used in Grams staining.
3. Define Carrier.
4. Tetanus toxoid.
5. Biofilm.
6. Sterilisation control.
7. Name two RNA viruses.
8. Define sterilisation.
9. Define Septicemia and Pyemia.
10. Name the causative organism and transmitting agent of epidemic typhus.
