

**DIPLOMA IN CRITICAL CARE TECHNOLOGY
SECOND YEAR
PAPER II – APPLIED MICROBIOLOGY AND 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. Draw a diagram and describe in detail about Autoclave.
2. Classify Nosocomial infections and write in detail about Surgical site infections.
3. Clinical features and management of Hepatitis B infection.

II. Write notes on: **(8 x 5 = 40)**

1. Universal precautions.
2. Biomedical waste management.
3. Etiological agents causing infection in an ICU.
4. Modalities of Infection control.
5. Chemical disinfectants.
6. Modes of transmission of HIV/AIDS.
7. Clinical features and management of Malaria.
8. Sepsis.

III. Short answers on: **(10 x 3 = 30)**

1. Biohazardous materials.
2. Various sources of infection.
3. Cleaning of a laparoscope.
4. Tetanus.
5. Amoebiasis.
6. Dengue.
7. Leptospirosis.
8. Hepatitis A.
9. Colour codes of Biomedical waste.
10. Quality control.
