

[LF 0212]

AUGUST 2014

Sub. Code: 1212

**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:

(3×10=30)

1. Define the concept of disinfection. Briefly describe the mode of action, advantages and disadvantages of any 5 disinfectants.
2. Explain in detail about Principles and methods of Sterilization.
3. Give a detail account on types and prevention of Nosocomial infections.

II. Write notes on:

(10×5=50)

1. Briefly describe Biohazardous materials.
2. Give a short note on Disposal of infectious wastes.
3. State briefly about the role of health care workers in hospital environment.
4. Briefly analyse the mode of transmission and universal precaution for AIDS.
5. Describe the pathogenesis of amoebiasis.
6. Write a note on Hepatitis A viruses.
7. Write short notes on Measures of Quality control.
8. Give a brief note on EO gas sterilization.
9. Waste disposal collection of used items.
10. Precautions to be taken for loading ETO sterilizer.

III. Short answers on:

(10×2=50)

1. Give three examples of agents causing infection in ICU.
2. Define Post exposure prophylaxis.
3. Distinguish sterilization and disinfection.
4. State the Signs of Tetanus.
5. Give some examples of Bacteria are used as biological indicators in Steam sterilizer.
6. Write any three Pathological features of Dengue.
7. How will you clean fine and cannulated instruments?
8. What is Bowie Dick test?
9. Define CSSD.
10. Which sterilization method is suitable for plastic items?
