

[LD 0212]

AUGUST 2013

Sub. Code: 1712

**DIPLOMA IN SCOPES SUPPORT TECHNOLOGY  
SECOND YEAR  
PAPER II – STERILIZATION TECHNIQUES INCLUDING MICROBIOLOGY**

*Q.P. Code: 841712*

**Time : Three hours**

**Maximum : 100 marks**

**Answer all questions**

**I. ELABORATE ON: (3×10=30)**

1. Classify the various methods of sterilization. Discuss in detail dry heat methods.
2. Describe the clinical feature and lab diagnosis of *Mycobacterium tuberculosis*.
3. What is hospital acquired infection? How to prevent it?

**II. WRITE NOTES ON: (10×5=50)**

1. Describe the lab diagnosis of HIV.
2. *Candida albicans*
3. Aldehyde disinfectants.
4. Hepatitis B Vaccination.
5. Normal microbial flora of human body.
6. Universal barrier precaution (Standard precaution)
7. Safe handling of biomedical waste.
8. ETO Sterilization
9. Antibiotic susceptibility testing.
10. Autoclave.

**III. SHORT ANSWERS ON: (10×2=20)**

1. Name 2 fungal infections.
2. What is post exposure prophylaxis
3. Name 2 tests to diagnosis Typhoid fever.
4. Name the disinfectant used for Blood and body fluid spillage.
5. What is hypersensitivity reaction?
6. Who are carriers?
7. Name 2 infections transmitted faeco-orally
8. Name 2 organisms causing urinary tract infections.
9. Name 2 viruses transmitted through blood.
10. Name four vaccine preventable diseases.

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