

[LH 0415]

OCTOBER 2015

Sub. Code: 3502

DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY
(Regulation for candidates admitted from 2014-2015 session onwards)
PAPER II – MICROBIOLOGY AND PATHOLOGY

Q.P. Code : 363502

Time : Three hours

Maximum : 100 marks

I. Elaborate on:

(2 x 20 = 40)

1. Define Sterilisation. Explain in detail the principle, working quality control measures of an autoclave.
2. Explain in detail the pathogenesis Lab diagnosis, clinical features & treatment of Typhoid Fever.

II. Write notes on:

(10 x 6 = 60)

1. Classification of stains & Dental acid Fast Bacilli staining.
2. Define Agglutination & Explain various types.
3. Lab Diagnosis of Candida.
4. Lab Diagnosis of HIV.
5. Life Cycle –Draw & Lab Diagnosis of Malaria.
6. Describe the principle methods of tissue processing.
7. Describe the principle of cryostat. Enumerate the applications.
8. What is Karyotyping? What are the methods of Karyotypic Analysis?
9. What is FNAC (Fine Needle Aspiration Cytocate Enumerate fixative and Stains used NFNAC.
10. What is Microtomy? Enumerate various types of Microtomes. Describe section cutting for routine histopathocogy.
