

[LL 1017]

OCTOBER 2017

Sub. Code: 3502

P.G. DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY EXAMS

PAPER II – MICROBIOLOGY & PATHOLOGY

Q.P. Code : 363502

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Name the different types of anti-biotic susceptibility testing (AST). Explain in detail about the Kirby-bauer method of testing. Add a note on internal quality control of AST.
2. Enumerate the etiology of food poisoning. Describe in detail about the Staphylococcal food poisoning.

II. Write notes on:

(10 x 6 = 60)

1. Write the principle and operating procedure for autoclave.
2. Define enriched media and enrichment media with example.
3. Lab diagnosis of HIV.
4. Pre-requisites for sputum collection, acid fast staining and RNTCP grading.
5. Discarding of laboratory waste.
6. Enumerate the standard precautions adopted in the laboratory.
7. Urine analysis.
8. Papanicolaou stain.
9. Coomb's test.
10. Bleeding time and clotting time.
