

[LQ 1019]

NOVEMBER 2020

Sub. Code: 3502

(MAY 2020 EXAM SESSION)

P.G DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY

PAPER II– MICROBIOLOGY & PATHOLOGY

Q.P.Code:363502

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2x20=40)

1. Structure of Eukaryotic cell and functions of Organelles with neat diagram.
2. Morphology, pathogenesis, cultivation, prevention and treatment of Rabies viruses..

II. Write notes on:

(10x6=60)

1. Classify Bacteria based on its Oxygen requirement.
2. Common Fungal infections in animals.
3. Classify Protozoa.
4. Immune deficiency diseases in Humans.
5. Examination of Urine.
6. Biochemical methods used for identifying Bacteria.
7. Describe the principle methods of Tissue processing.
8. Bacterial Staining methods.
9. Describe the principle of Cryostat. Enumerate the applications.
10. Karyotyping analysis.
