

Rajiv Gandhi University of Health Sciences
II Year M.Sc. (MLT) Degree Examination - OCT-2019

[Time: 3 Hours]

[Max. Marks: 100]

Microbiology – II**Paper – II (Virology, Mycology and Parasitology)**
(Revised Scheme – 2)**Q.P. CODE: 9817**

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

LONG ESSAY**2 X 20 = 40 Marks**

1. Explain the morphology, pathogenesis and laboratory diagnosis of Human Immunodeficiency Virus.
2. Classify Cestodes. Explain the morphology, life cycle, pathogenesis and laboratory diagnosis of Taenia solium.

SHORT ESSAY**6 X 10 = 60 Marks**

3. Concentration techniques of stool examination for ova and cyst
4. Laboratory diagnosis of Kala azar
5. Morphology and antigenic variation in Influenza virus
6. Kyasanur Forest Disease (KFD)
7. Mention the etiology of opportunistic fungal infection. Explain the laboratory diagnosis of Aspergillosis.
8. Pathogenesis and laboratory diagnosis of Histoplasmosis

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