

**KALOJI NARAYANA RAO UNIVERSITY
OF HEALTH SCIENCES**

**WARANGAL TELANGANA STATE-506
007**

**SECOND L.B.US. DEGREE
SUPPLEMENTARY EXAMINATIONS-
NOV-2020**

MICROBIOLOGY

PAPER-11

**VIROLOGY, MYCOLOGY AND
PARASITOLOGY**

Time: 2Hours. Max Marks: 40

Note: Answer all questions.

**Give Diagrammatic representation wherever
necessary.**

Write an essay on the following:

1. Classify viruses. Describe the morphology and laboratory diagnosis of a case of infection with Human Immunodeficiency Virus. (2+3+5=10)

Write Short notes on the following:

$$5 \times 4 = 20$$

2. Hydatid disease.
3. Antigenic variation in influenza virus.
4. Laboratory diagnosis of malaria.
5. Vaccines for Rabies.
6. Histoplasma capsulatum.

Write Briefly on the following:

$$5 \times 2 = 10$$

7. Mycotoxins.

8. Viral inclusion bodies.

9. Draw a neat labelled diagram of a trophozoite of *Giardia lamblia*.

10. Hepatitis A virus.

11. Bile stained eggs.

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