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221931

Roll No.

**3rd Sem/DMLT, DMLT (For Speech and
Hearing Impaired)**

Subject : Parasitology and Virology

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 Male ascaris differs from the female in _____.

- a) Pineal spicules b) Tail
- c) Lips d) None of these

Q.2 Which of the following human disease is transmitted from the vector anopheles mosquito?

- a) Dengue b) Malaria
- c) Filaria d) Encephalitis

Q.3 A virus is made up of _____.

- a) Protein coat and nucleic acid
- b) Protein coat and Mitochondria
- c) Nucleic acid and cell Membrane
- d) Nucleic acid, cell Wall

Q.4 Hookworm infection may lead to:

- a) Anemia b) Ground itch
- c) Creeping eruption d) All of the above

Q.5 Protozoa are classified on the basis of _____.

- a) Locomotory organelle
- b) Shape
- c) Number of nuclei
- d) Size

Q.6 What is the primary mode of transmission of covid-19?

- a) Air - borne b) Vector - borne
- c) Contact d) Water - borne

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 Expand the term HBV and HIV.

Q.8 Define VTM.

Q.9 Name the disease caused by entamoeba histolytica.

Q.10 The trophozoites Giardia are _____ shaped.

Q.11 What is an intermediate host?

Q.12 The carrier of malaria parasite is _____.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 Write the procedure to collect the blood sample.
- Q.14 Describe the general characteristics of helminths.
- Q.15 Explain the life cycle of *T. saginata*.
- Q.16 Write the difference between virus and cells.
- Q.17 Describe the life cycle of giardia.
- Q.18 Explain the various portals of entry of parasites into the body
- Q.19 Differentiate between ova and cyst.
- Q.20 Write the morphology of *P. falciparum*.
- Q.21 Explain the lab investigation of HBV in details.
- Q.22 Describe the method of identification of HEV virus.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Write in detail the laboratory diagnosis of parasites infections.
- Q.24 a) Draw the life cycle of *P. falciparum*.
b) Describe the morphology of *ancylostoma*.
- Q.25 Explain the pathogenicity, lab diagnosis and prevention of corona virus.