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**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 \_\_\_\_\_ .

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## **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.