

**Roll No.**

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**Total No. of Pages : 02**

**Total No. of Questions : 09**

**B.Sc.(MLS) (Sem.-5)**

## PARASITOLOGY AND VIROLOGY

**Subject Code : BMLS-502**

**M.Code : 70466**

**Date of Examination: 19-12-2022**

**Time : 3 Hrs.**

**Max. Marks : 60**

**INSTRUCTION TO CANDIDATES :**

1. **SECTION-A is COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **FIVE** questions carrying **FIVE** marks each and students have to attempt any **FOUR** questions.
3. **SECTION-C** contains **THREE** questions carrying **TEN** marks each and students have to attempt any **TWO** questions.

## SECTION-A

**1. Answer briefly :**

- Write a note on egg counting technique.
- Give four examples of helminthes.
- Write the application of concentration techniques for demonstration of ova.
- How viruses are important medically?
- Write the life cycle of *T. saginata*.
- What is a hydated cyst? Write a short note on life cycle of roundworm.
- What disease is caused by *T. solium*?
- What is the composition of medium for growth of virus?
- What do you understand from second host?
- Write the structure of virus.

### **SECTION-B**

2. Give the classification of viruses.
3. Describe various morphology characteristics of hookworm.
4. Explain the lab diagnosis of cysticercosis.
5. Write a short note on concentration techniques for demonstration of ova.
6. What are preventive measures to control T. Saginata?

### **SECTION-C**

7. Describe morphology characteristics, life cycle and lab diagnosis of Entamoeba.
8. Write in details about processing of samples for viral diagnosis.
9. Briefly discuss life cycle of malaria parasite in human. What are the precautions should be taken to preventive malaria?

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**