

**3rd Sem / Branch : DMLT**  
**Sub.: Parasitology and Virology**

Time : 3Hrs. M.M. : 60

**SECTION-A**

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

- Q.1 Ascaris completes its life cycle in \_\_\_\_\_.
- a) Only in man
  - b) Man and sheep
  - c) Man and cow
  - d) Man and mosquito
- Q.2 Which clinical sample is used to diagnose hepatitis B?
- a) Liver biopsy
  - b) Blood
  - c) Faeces samples
  - d) Throat Swab
- Q.3 Protozoa that eat other organisms are known as \_\_\_\_\_.
- a) Parasitic
  - b) Mutualistic
  - c) Holozoic
  - d) Saprophytic

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- Q.19 Write the morphology of P. Vivax.
- Q.20 Write the application of concentration techniques.
- Q.21 Explain the lab diagnosis of Entamoeba and Ascaris lumbricoides.
- Q.22 Illustrate the structure of virus.

**SECTION-D**

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

- Q.23 Explain & draw the life cycle of P. Vivax.
- Q.24 Write about collection, transportation, processing & preservation of blood sample.
- Q.25 Describe the morphology and life cycle of ascaris lumbricoides.

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