

No. of Printed Pages : 4
Roll No.

221931

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

Q.4 The study of parasite is known as _____.

- a) Microbiology
- b) Histology
- c) Parasitology
- d) Haematology

Q.5 Helminths are a multicellular group of parasitic worms called?

- a) Protozoa
- b) Cestoda
- c) Tetrazaoa
- d) Metazoa

Q.6 Who is the father of virology?

- a) Martinus Beijerinck
- b) Dmitri Ivanovsky
- c) John Ellerman
- d) Frederick Twort

SECTION-B

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

Q.7 Asexual reproduction occurring by multiple fission is called _____.

Q.8 Name the site of collection of blood sample from the human body.

(1)

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(2)

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- Q.9 Giardia and Entamoeba live in _____ and _____ part of human.
- Q.10 Expand HBV.
- Q.11 Define Schizont.
- Q.12 An organism which resides on or within another living organism is called _____.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. $(8 \times 4 = 32)$

- Q.13 Write the process of transportation of virological sample.
- Q.14 Explain the formalin ether sedimentation technique.
- Q.15 Describe the morphology of T. Solium.
- Q.16 Explain the microbial examination or diagnosis of malaria.
- Q.17 Write the difference between protozoa and helminthes.
- Q.18 Classify helminthes?

- 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. $(2 \times 8 = 16)$

- 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.