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Total No. of Printed Pages: [01]

Total No. of Questions: [09]

B.Sc. (MLS) (Semester – 5th)
PARASITOLOGY AND VIROLOGY
Subject Code: BMLS1-534
Paper ID: [130521]

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

Q1. Define/Explain the following:

- a. Parasite
- b. Protozoa
- c. Gram positive bacteria
- d. Capsid
- e. RNA
- f. Bacteriophage
- g. Flagella and pili
- h. HIV
- i. Host
- j. Vector

Section – B

(5 marks each)

- Q2. Explain morphology and laboratory diagnosis of Ascaris
- Q3. Discuss different types of parasites.
- Q4. Discuss in detail the structure of Virus with labeled diagram.
- Q5. Explain in detail the sample collection and storage for viral diagnosis.
- Q6. Write a note on laboratory diagnosis of Influenza and Respiratory syncytial viruses.

Section – C

(10 marks each)

- Q7. Discuss in detail various types of animal associations and its importance.
- Q8. Discuss Morphological characteristics and Life cycle of Plasmodium vivax.
- Q9. Discuss Laboratory diagnosis and Life cycle of Dengue.