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B.Sc.(MLS) (2014 to 2017) (Sem.-5) PARASITOLOGY AND VIROLOGY

Subject Code: BMLS-502 M.Code: 70466

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

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1. Answer briefly:

- A) Define Helminthology.
- B) What is reservoir host?
- C) What is kala azar?
- D) What are fleas?
- E) Write a short note on DNA viruses.
- F) What is gamogony?
- G) What is meant by Amoebic dysentery?
- H) Define Vaccination.
- I) What is a hydatid cyst?
- J) Write a short note on largest intestinal nematode.



SECTION-B

- 2. Write a note on microscopic examination of stool.
- 3. What are preventive measures to control Malaria?
- 4. Explain the tissue culture technique for viral diagnosis.
- 5. Explain in detail the life cycle of *Leishmania donovani*.
- 6. Give the classification of viruses.

SECTION-C

- 7. Briefly explain habitat, mode of infection, Life cycle and lab diagnosis of Giardia.
- 8. Describe egg counting technique for the estimation of the worm burden.
- 9. Discuss various staining techniques used to study viruses. Briefly explain any one technique.

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.

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