Roll No.			Total No. of Pages : 02
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B.Sc.(MLS) (2013 to 2017) (Sem.-5)
PARASITOLOGY AND VIROLOGY

Subject Code: BMLS-502 M.Code: 70466

Time: 3 Hrs. Max. Marks: 60

INSTRUCTION TO CANDIDATES:

- 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:

- A) Write a note on egg counting technique.
- B) What is hydrated cyst?
- C) What do you understand from parasite?
- D) What is progressive staining?
- E) Write a short note on transportation of stool specimen.
- F) What is amoebic dysentery?
- G) Write a short note on life cycle of roundworm.
- H) What do you understand from second host?
- I) What is the composition of NNN medium?
- J) What is replication of viruses?

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SECTION-B

- 2. Explain various modes by which the parasites infect man.
- 3. Discuss various staining techniques used in virology.
- 4. Give the lab diagnosis of *Giardia lamblia*.
- 5. Explain the lab diagnosis of hydrated cyst.
- 6. Describe various morphology characteristics of hookworm.

SECTION-C

- 7. Classify viruses and discuss why they are important medically.
- 8. Briefly discuss life cycle of malaria parasite in man. What are the precautions should be taken to preventive Malaria?
- 9. Explain the collection procedure, preservation and processing of stool samples for parasitological investigations.

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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