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Total No. of Pages : 02

Total No. of Questions : 09

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 :

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**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?

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.