

2122

B. Voc. (Medical Lab Technology)

Third Semester

BMLT-303: Introduction to Parasitology and Medical Entomology

Time allowed: 3 Hours

Max. Marks: 40

NOTE: Attempt five questions in all, including Question No. 1 which is compulsory and selecting one question from each Unit.

X-X-X

I. Answer the following:-

- a) What is the diagnosis for coccidiosis infection?
- b) Give the name of disease caused by Trypanosoma?
- c) Write the names of two diseases caused by Giardia.
- d) Write two applications of entomology?
- e) Write the name of media used for Leishmania?
- f) Give the name of two vectors for kala-azar?
- g) What is the Helminthes?
- h) Animal care.

(8x1)

UNIT - I

II. a) Briefly describe the general characteristics of protozoa parasite.

b) Write the life cycle of Giardia.

(2x4)

III. a) What are the medical importance of Haemoprotozoa?

b) Describe about diagnosis of malarial parasites and their significance.

(2x4)

UNIT - II

IV. a) Describe the life cycle of Ascaris.

b) Write a short on the nematode infection in human.

(2x4)

V. a) Briefly describe about the hookworm infection? How it can be diagnosed in lab condition.

b) What is the filariasis? Describe its diagnostic method.

(2x4)

P.T.O.

(2)

UNIT - III

- VI. a) Describe in brief the culture techniques for *Giardia*.
b) How will culture of *Helminths* hookworm. (2x4)
- VII. a) Write the about the egg counting techniques in lab?
b) Write the staining methods of malaria parasite? Write its significance. (2x4)

UNIT - IV

- VIII. a) What do you mean by Entomology? Write only two techniques used in case of flies?
b) Write a short note on parasitic antigens. (2x4)
- IX. a) What are the safety measures generally used to prevent transmission of diseases from animals to human in animal houses?
b) Write about the staining and examination of sample in labs. (2x4)

ASIS