

Total Pages--3 BMLT/IIS/ME & P/VI(U-11)/19

BMLT 2nd Semester Examination, 2019

**MEDICAL ENTOMOLOGY AND
PARASITOLOGY**

PAPER – VI (Unit-11)

Full Marks : 40

Time : 2 hours

Answer Q.No.1 and any three from the rest

The figures in the right hand margin indicate marks

*Candidates are required to give their answers in their
own words as far as practicable*

Illustrate the answers wherever necessary

1. Answer any five questions: 2 × 5

(a) What is 'Medical Entomology' ?

(b) What do you mean by Cyclopropagative and
Cyclodevelopmental transmission ?

(Turn Over)

(2)

- (c) Distinguish between commensalism and Mutualism with example.
- (d) What do you mean by definitive host and intermediate host ?
- (e) Define secondary infection with example.
- (f) What are hypnozoites and cryptozoites ?
- (g) "All vectors are carrier but all carriers are not vector" – Explain with example.
- (h) What do you mean by endemic and epidemic ? Give example.
2. What is Scabies ? Describe in brief the life history and bionomics of human itch-mite. 3 + 7
3. (a) What is Flea index ? What is the Causative Organism of Plague ?
- (b) Write in brief about different types of Plague.
- (c) Mention the role of fleas in transmission of Plague. (2 + 1) + 5 + 2

(3)

4. (a) What is the causative agent of Lymphatic filariasis ?
(b) State in brief the life cycle and pathogenecity of it. 1 + (5 + 4)
5. (a) Write in brief the symptoms and control measure of Taeniasis.
(b) Why house fly acts as a good mechanical carrier ? (3 + 3) + 4
6. (a) Describe different mouth parts of mosquito vector with labelled diagram.
(b) What do you mean by biological control ? Mention its advantages.
(c) Write a note on controlling measure of mosquito. $3 + \left(2\frac{1}{2} + 2\right) + 2\frac{1}{2}$
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