

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[AHS 0122]**

**JANUARY 2022**

**Sub. Code: 2922**

**(FEBRUARY 2021 & AUGUST 2021 EXAM SESSION)**

**B.Sc. MICROBIOLOGY**

**THIRD YEAR – (Regulation from 2018-2019)**

**PAPER II – MEDICAL ENTOMOLOGY**

***Q.P. Code : 802922***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Write in detail about Biology of lice.
2. Write in detail about biology and life history of Anopheles mosquito.
3. Write in detail about biology and morphology of ticks.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Xenodiagnosis.
2. Filariasis.
3. Malaria.
4. Dengue fever.
5. Chikungunya fever.
6. Plague.
7. Japanese encephalitis.
8. Louse borne typhus.
9. Scabies.
10. Yellow fever.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Ig G antibody.
2. Ig M antibody.
3. Fomites.
4. Droplet infection.
5. Cyclopropagative transmission of disease.
6. Filarial indices.
7. Name 5 vector borne disease.
8. Define vector.
9. vaccination certificate for yellow fever
10. Malarial indices

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