

B.Sc. CBCS Pattern Semester-V  
**USCZOT11 (DSE) Core Paper-XI - Zoology Paper-III**  
**(Insect Vector And Diseases)**

P. Pages : 1

Time : Three Hours



**GUG/W/23/13121**

Max. Marks : 50

1. Write in detailed account of carrier and vector and their modes of transmission. 10

**OR**

Write short notes on.

- a) Types of Antenna. 5  
b) Host- Vector relationship. 5

2. Write a detailed account on the life cycle and pathogenicity of *Wuchereria bancrofti*. 10

**OR**

Write short notes on.

- a) Siphonaptera. 5  
b) Housefly as a vector of disease. 5

3. Write in detail on sandfly-borne diseases and their control and prevention. 10

**OR**

Write short notes on.

- a) Myiasis. 5  
b) Control and prevention measures of Bed Bug. 5

4. Write in detail on Human louse. Diseases. 10

**OR**

Write short notes on.

- a) Flea as an insect vector. 5  
b) Typhus fever. 5

5. Write **any ten** questions in four or five lines only. 1x10

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|----------------------------|--|
| i) Ocelli.                 | ii) Flabellate antenna. <span style="float: right;">=10</span> |
| iii) Asymptomatic carrier. | iv) Hemiptera.   |
| v) Anopheles.              | vi) Dengue.  |
| vii) Kala Azar.            | viii) Phlebotomus fever.                                       |
| ix) Chagas disease.        | x) Bubonic plague.   |
| xi) Body lice.             | xii) Relapsing fever.  |

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