

B.Sc. (CBCS Pattern) Semester - V
USCZOT11 - DSE : Zoology Paper-III (Insect Vector and Diseases)

P. Pages : 1

Time : Three Hours



GUG/S/23/13121

Max. Marks : 50

1. Describe the different types of mouth parts in insects. **10**
OR
Write notes on:
a) Mechanical vectors. **5**
b) Host-vector relationship. **5**
2. Explain in detail Dipterans as important insect vectors. **10**
OR
Write notes on:
a) Chickungunya. **5**
b) Breeding and control of mosquitoes. **5**
3. Give brief account on house fly as important mechanical vector and its control. Add note on Myiasis. **10**
OR
Write notes on:
a) Phlebotomus fever. **5**
b) Bed bugs as mechanical vectors. **5**
4. Describe the pathogenesis, transmission and symptoms of typhus fever. **10**
OR
Write notes on:
a) Host-specificity of fleas. **5**
b) Relapsing fever **5**
5. Write four or five lines on the followings **any ten**. **10**
i) Vector.
ii) Labrum
iii) Compound eye
iv) Siphunculata
v) Filariasis
vi) Aedes
vii) Leishmaniasis
viii) Plague
ix) Chagas disease
x) Head louse
xi) Pubic louse
xii) Trench fever
