

# School of Biological and Life sciences

Department of Biological and Life Sciences

Mid Term Examination

Exam Date: 26 Sep 2023

Time : 90 Minutes

Marks : 50

## Sem V - C2UD502T - Insect Physiology and Diversity

*Your answer should be specific to the question asked*

*Draw neat labeled diagrams wherever necessary*

- 1) Write about the holometabolous insects? K2 (2)
- 2) What is pronotum of insects? K1 (3)
- 3) Explain specializations and adaptability of structures such as the mouthparts. K2 (4)
- 4) Describe about the legs and wings structure and function of insects. K2 (6)
- 5) Elucidate about the Paleopterous insects ? K3 (6)
- 6) Describe about Exopterygote and Endopterygote type of insects. K3 (9)
- 7) Name any two orders with aquatic nymphs explain with examples. K4 (8)
- 8) How are cerci of earwigs different from the cerci of other insects. K4 (12)

**OR**

Describe the different lifecycle stages of Insects. K4 (12)