

School of Biological and Life sciences

Department of Biological and Life Sciences

Mid Term Examination

Exam Date: 05 Oct. 2023

Time : 90 Minutes

Marks : 50

Sem V - C2UD501B - Diversity of Non-Chordates and Economic Zoology

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

- 1) Relate and contrast the body plans of Ctenophora and Cnidaria. K2 (2)
- 2) State the structure and functions of the canal system in scypha. K1 (3)
- 3) Justify the structure and functions of the nervous system in arthropods and write the classification of phylum. K2 (4)
- 4) Write about the classification and morphology of *Ascaris lumbricoides*. K2 (6)
- 5) Articulate the characteristics and reproduction in Ctenophora. K3 (6)
- 6) Interpret the locomotion in the different classes of protozoans. K3 (9)
- 7) Analyze the characteristics and classification of *Hirudinaria*. K4 (8)

- 8) Examine the general classification of sponges. K4 (12)

OR

- Analyze the asexual and sexual cycle of *Obelia*. K4 (12)