

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

School of Biological and Life sciences

Bachelor of Science Honours in Zoology

Mid Term Examination - Nov 2023

Duration : 90 Minutes

Max Marks : 50

Sem I - P1UE102B - Diversity of Non-Chordates Parasitology and Economic ZoologyGeneral Instructions*Answer to the specific question asked**Draw neat, labelled diagrams wherever necessary**Approved data hand books are allowed subject to verification by the Invigilator*

- 1) Explain how do phylogenetics and molecular biology techniques contribute to the principles of zoological classification. K2 (2)
- 2) Quote the second largest animal phylum and write its characteristics. K1 (3)
- 3) Explain in brief the importance of corals. K2 (4)
- 4) Summarize a condensed overview of the function of hormones in insects. K2 (6)
- 5) Interpret the canal system in syconoid sponges, with the help of a diagram K3 (6)
- 6) Demonstrate the nervous system and reproduction in prawns. K3 (9)
- 7) Analyze the canal system present in Porifera and write its importance. K4 (8)
- 8) Summarize the excretory organs in Annelids and explain their working. K4 (12)

OR

Categorize, the detailed account of respiratory organs in Arthropods and discuss the mechanisms of respiration in insects. K4 (12)