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School of Biological and Life sciences

Bachelor of Science Honours in Zoology

Mid Term Examination - May 2024

Duration : 90 Minutes

Max Marks : 50

Sem IV - P1UE401B - Diversity of Chordates and Comparative AnatomyGeneral 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) Difference between protostomes and deutostomes K2 (2)
- 2) Describe the morphological characteristics of Balanoglossus with diagram. K1 (3)
- 3) Explain the echinoderm theory of origin of chordates. K2 (4)
- 4) Mention the similarities between chordates and non-chordates. K2 (6)
- 5) Describe the larval stage of hemichordates K3 (6)
- 6) State the differences between chordates and non-chordates K3 (9)
- 7) Sketch the characteristic feature of chordates and list down the major characteristics with classification. K4 (8)
- 8) Draw a flow chart for the classification of chordates upto class level along with examples. K4 (12)

OR

- Explain retrogressive metamorphosis of Herdmania K4 (12)