

School of Biological and Life sciences**Bachelor of Science Honours in Zoology
Semester End Examination - Jun 2024****Duration : 180 Minutes
Max Marks : 100****Sem IV - P1UE401B - Diversity of Chordates and Comparative Anatomy**General 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) Tabulate the classification Hemichordata into different classes. Give examples. K1(2)
- 2) You have been provided with 2 different types of skin of fish. How will you identify between the cartilagenous and bony fish skin K2(4)
- 3) Give an overview about the appendicular skeleton K2(6)
- 4) Give a comparative account on skin glands among vertebrates K3(9)
- 5) Write a short note on air sacs. K3(9)
- 6) Summarise the succession of kidney in vertebrates. K5(10)
- 7) Explain accessory respiratory organs K4(12)
- 8) Assess general characteristics of amphibians along with the classification giving example for each. Also distinguish between frog and toad. K5(15)
- 9) Summarise the digestive system of Branchiostoma using diagram K5(15)
- 10) Write the general morphological characteristic features of Balanoglossus along with the digestive and respiration system with the help of a diagram K6(18)