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School of Biological and Life sciences

Master of Science in Zoology
Mid Term Examination - May 2024

Duration : 90 Minutes
Max Marks : 50

Sem II - P1PN206B - Biology of VertebratesGeneral 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) What is calcichordata? K2 (2)
- 2) Explain the theory of origin of evolution of given by Barrington. K1 (3)
- 3) Distinguish between craniata and acraniata K2 (4)
- 4) Explain the three characteristic feature of chordate using diagram. K2 (6)
- 5) Describe the basic anatomy of a typical chordate. K3 (6)
- 6) Differentiate between chordates and non chordates K3 (9)
- 7) Write the difference between hemichordata theory, cephalochordata theory and urochordata theory of origin of chordates. K4 (8)

- 8) Give the classification of subphylum vertebrata upto class level along with vertebrata K4 (12)

OR

- Explain the developmental stages of balanoglossus K4 (12)