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School of Biological and Life sciences
Bachelor of Science in General Zoology Botany Chemistry
Semester End Examination - Nov 2023

Duration : 180 Minutes
Max Marks : 100

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

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) Recall the Nervous System and Reproductive system in Prawn K1 (2)
- 2) Discuss the adaptive advantages of the Water Vascular System in echinoderms and its significance in their survival and ecological interactions. K2 (4)
- 3) Summarize the economic zoology, and how does it relate to the field of zoology as a whole? K2 (6)
- 4) Articulate, how do roundworms reproduce, and what are the characteristics of their reproductive systems? K3 (9)
- 5) Illustrate and construct the life cycle of Termites, explain its role in agronomy K3 (9)
- 6) Assess the various types of locomotion found in non-chordates. K5 (10)
- 7) Explain about the parasitic platyhelminths, and how do they infect and affect their hosts? K4 (12)
- 8) Inspect the general classification and reproduction in annelid K5 (15)
- 9) Articulate the main characteristics of phylum Arthropoda, and how do these characteristics contribute to their evolutionary success? K5 (15)
- 10) Construct the structural components of the canal system in Sycon, and how do they function together? K6 (18)