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**School of Biological and Life sciences**

Master of Science in Zoology  
Mid Term Examination - Nov 2023

Duration : 90 Minutes  
Max Marks : 50

**Sem I - P1PN102B - Biology of Invertebrates**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) Differentiate between Chordates and Non-chordates K2 (2)
- 2) Identify the phylum in which it is found and write functions of flame cells. K1 (3)
- 3) Describe the pathogenicity of Plasmodium vivax K2 (4)
- 4) Explain the pathogenicity of Taenia solium K2 (6)
- 5) Describe polymorphism with suitable example and its significance. K3 (6)
- 6) Describe life history of malarial parasite. K3 (9)
- 7) What are the different structures that makeup the internal skeleton of a sponge? What are the chemicals involved in the formation of these structures? K4 (8)
  
- 8) Explain life history of Plasmodium vivax. K4 (12)

**OR**

Explain life history of Taenia solium. K4 (12)