PG CBCS M.SC. Semester-III Examination, 2021 **ZOOLOGY**

PAPER: ZOO 396B (SPL PRC) (ECOLOGY PRACTICAL)

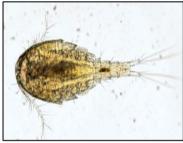
Full Marks: 50 Time: 3 Hours

Candidates are required to give their answers in their own words as far as practicable.

Answer <u>TWO</u> questions of the following:	2X25=50
1. a) What is a climograph? Comment on its utilities. Prepare a climograph	mentioning the
necessary charts needed.	15

- b) Write the principle and procedure to estimate transparency of water. 10
- 2. a) Write the principle and procedure of estimation of TSS and TDS of water. 15
 - 10 b) Comment on the different applicability of GPS system.
- 3. a) Identify the following aquatic fauna and write their systematic positions and characters 15







- b) Write the experimental methodology for salinity estimation from water sample along with necessary calculations. 10
- 4. a) Write the principle and procedure for the estimation of phosphorus from soil. 15
 - b) Comment on the major ecological components of aquatic ecosystem. 10