

2021
M. Sc 3rd Semester Examination
ZOOLOGY

Paper-ZOO 396 (Practical)

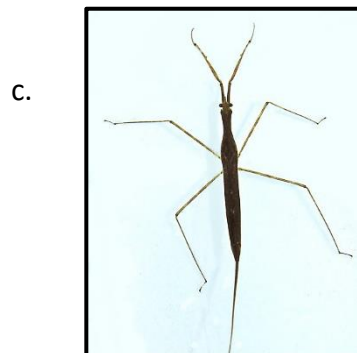
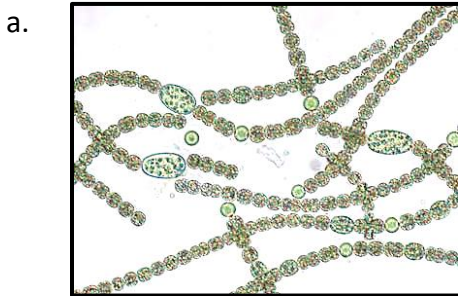
Full marks- 50

Time-2 hrs

The figures in the margin indicate full marks. Candidates are required to give their answer in their own words as far as practicable. Illustrate the answer wherever necessary.

1. Prepare a climograph.	5
Avg. Temperature (°C)	Avg. Rainfall (mm)
January 23	10
February 27	5
March 32	15
April 37	95
May 41	50
June 45	100
July 39	250
August 38	170
September 37	120
October 28	100
November 27	50
December 25	20

2. Write the principle, procedure, calculation, & comments of Hardness of water.
 (Mean value of EDTA = 2.3 ml) 2+3+3+2
3. Write the significance of N,P,K in soil fertility. What are the standard value of N,P,K in soil fertility.
3+3+3
4. Identify with comments. $2.5 \times 4 = 10$



5. Write the application of GIS in landscape mapping in biological research. 6
6. Laboratory note book. 5
7. Viva-voce. 5