

MSc

2021

**3rd Semester Examination**

**Zoology**

**Paper- zoo-396 (Practical)**

**Full Marks - 50**

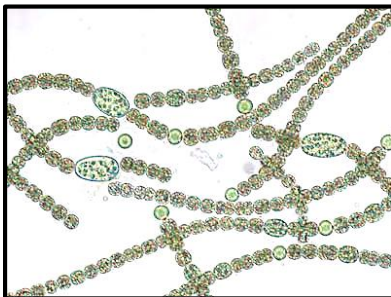
**Time – 2 hr.**

1. Prepare a climograph. 10

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) 3+6+3+3
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 × 4 = 10

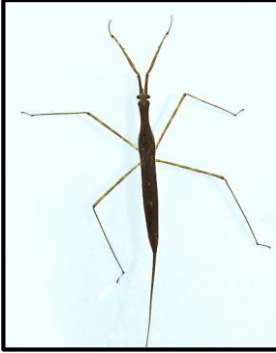
a.



b.



c.



d.



5. Write the application of GIS in landscape mapping in biological research. 6