

**M.Sc. 3rd Semester Examination, 2022**

**ZOOLOGY**

( *Parasitology Special* )

PAPER — ZOO-396D (CCAЕ)

( Practical )

*Full Marks : 50*

*Time : 5 hours*

*The figures in the right hand margin indicate marks*

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

1. Make a stained preparation of the sample provided. Write the procedure in brief. Comment on your result. 8 + 4 + 2
2. Identify the specimens (A, B, C & D) with reasons. Mention the phylum, clan and order with two characters. 4 × 4

3. Submission of Report on Research Institute/  
Laboratory visit. 10
  4. Laboratory note book. 5
  5. Viva-voce. 5
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**Total Pages—3 PG/IIIS/ZOO/396B/22(CCAE)**  
**(Pr.)**

**M.Sc. 3rd Semester Examination, 2022**

**ZOOLOGY**

*( Ecology Practical-I )*

**PAPER – ZOO-396B (CCAЕ)**

**( Practical )**

*Full Marks : 50*

*Time : 5 hours*

*The figures in the right hand margin indicate marks*

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

1. Identify the following aquatic biota with their distinguishing characters and ecological importance : 3 × 4
- (a)
- (b)

*( Turn Over )*

(c)

(d)

2. Write down the principle and protocol of estimating total alkalinity/salinity of given sample water. Perform the experiment and comment on your result. 2 + 3 + 3 + 2
3. (a) Record the coordinates of a location using GPS instrument. What are the different satellite signals displaying in the device model Garmin etrex ?

*Or*

- (b) Construct a climograph with the given data and Add comments on it.

Month	Temp(°C)	Humidity(%)	Rainfall(mm)
Jan	18	76	2.3
Feb	20	74	1.8

( 3 )

Mar	32	77	3.8	
Apr	34	78	0.0	
May	36	79	0.0	
Jun	32	83	36.0	
Jul	34	86	64.0	
Aug	33	85	34.0	
Sep	32	88	11.6	
Oct	30	89	3.0	
Nov	28	86	0.0	
Dec	24	76	0.0	5 + 3

4. Submission of Field report 10
  5. Laboratory note book submission 5
  6. Viva voce. 5
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