

**Second Semester Examination-2018****M.Sc. ZOOLOGY**

Paper Code: ZOO-205

Practical Paper

Full Marks : 50

Time: 6 Hours

(Based on Biosystematics, Ecology, Biochemistry)

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 answers whenever necessary.

1. Prepare a taxonomic key for the provided sample. 5

2. Calculate the frequency and relative abundance of the community from the distribution graph provided. 5+5=10
(Calculate it among 5 or 10 sample quadrats)

3. a. Prepare the BSA standard curve and estimate the protein concentration by Lowry method. 5+5=10

b. Detect the reducing sugar of unknown sample. 5

4. Field report submission. 10

5. Lab note book + Viva 5+5=10