

Practical Examination-2021
1th Semester Major
Sub: Principles of Ecology
Full Marks: 8
Time: 1 hour

Figure in margin indicates full marks for each question

Q.1 Find which community has higher diversity using the Shannon-Weiner Diversity Index. 8

Species	S.B.D.C Campus	Pobitora WLS
House Crow	11	5
Common Myna	6	7
Jungle Myna	2	4
Common Coot	0	19
Rose Ringed Parakeet	3	5

OR

- (i) Write the principle and procedure of determination of Dissolved Oxygen using Winkler's Method. 3+3 = 6
- (ii) Find which species has the higher population density: 2

Quadrat	House Crow	House Sparrow
1	1	1
2	9	3
3	1	1
4	0	1
5	1	1

Q.2 Practical Notebook 4

Q.3 Viva-Voce 8