MIDNAPORE CITY COLLEGE ESTD 2017 CENTRAL LIBRARY

2026

M.A./M.Sc. 2nd Semester Examination

GEOGRAPHY

Paper : GEOC456X9

(Ecological Census Techniques)

[Practical]

Full Marks : 25 Time : Two Hours

The figures in the margin indicate full marks.

Answer ***all*** the questions :

1. What are the major chemical properties of soil? Estimate the chemical property of the given soil sample (to be decided by lottery) mentioning the procedure and interpret the result. 8

2. What is the Shannon Diversity Index? Compare the species' biodiversity in forest patches using the Shannon Diversity Index (based on following data). 8

P.T.O.

Species	Forest Patch A	Forest Patch B
 Banyan	10	50
 Mahua	30	40
 Neem	20	50
 Palash	10	60
 Sal	180	50
Total	250	250

3. Define soil texture and state its role in characterizing soil property. 4

4. Laboratory notebook and viva-voce 5

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