

U.G. 5th Semester Examination - 2021

ENVIRONMENTAL SCIENCE

[HONOURS]

Discipline Specific Elective (DSE)

Course Code : ENVS(H)DSE-P-02A/PR

[PRACTICAL]

(Environmental Economics)

(Field survey based analysis, exercise and interpretation)

Full Marks : 20

Time : 2 Hours

The figures in the right-hand margin indicate marks.

Candidates are required to give their answer in their own words as far as practicable.

Answer **any two** of the following : 10×2=20

1. What do you understand by forest management system? Prepare a questionnaire to survey the forest management system in a particular area. 3+7
2. How do you classify total economic value for wetlands? Mention the steps followed for total economic valuation of any wetland. Prepare a flowchart to show the connections among wetland functions, uses and values. 2+3+5
3. Mention several techniques used for fisheries

management. Write down the application of GIS (Geographic Information System) in fisheries management using primary and secondary data.

2+8

4. State a framework for valuation of forest ecosystem services. Prepare a table to calculate Total Economic Value (TEV) for tropical rainforest. 3+7

[Turn over]