

U.G. 5th Semester Examination-2020**ENVIRONMENTAL SCIENCE****[HONOURS]****Discipline Specific Elective (DSE)****Course Code : ENVS-H-DSE-L-02A****(Environmental Economics)**

Full Marks : 40

Time : 2½ 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. Answer any **five** of the following: $2 \times 5 = 10$
- What is hedonic pricing method?
 - Mention policies for controlling disposal of hazardous wastes.
 - State different forms of environmental subsidies.
 - Write down major objectives of environmental audit.
 - Mention major differences between tangible and intangible benefits.
 - What are the steps in cost benefit analysis?
 - What is cumulative marginal cost?
 - Mention major characteristics of tradable pollution permits.

2. Write short notes on any **two** of the following: $5 \times 2 = 10$
- Dynamic optimization of renewable resources
 - Environmental externalities
 - Major principles of Pareto optimality
 - Explain (i) pollution prevention cost and (ii) welfare damage cost.
3. Answer any **two** of the following: $10 \times 2 = 20$
- As an economy develops, market forces first increase and then decrease economic inequality”- Justify the statement with proper diagram Write down basic differences between WTP and WTA. $8 + 2 = 10$
 - Write major principles of cost benefit analysis. What are the merits and demerits of cost benefit analysis? $4 + 6 = 10$
 - How can you relate 'Tragedy of the Commons' to sustainability? Discuss it with proper examples. What is Hardin’s solution to Tragedy of the Commons? Critically explain the failure of the thesis ‘Tragedy of the Commons’. $5 + 3 + 2 = 10$
 - Distinguish among Environmental Compliance Audit, Environmental Performance Audit and Environmental Finance Audit. Graphically describe marginal social cost of abatement. $6 + 4 = 10$

[Turn over]