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SEAT No. :

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**P1728**

[5230]-21

**M.Sc.**

**ENVIRONMENTAL SCIENCE**

**ENV-201 : Environmental Economics**

**(Semester-II)**

*Time : 3 Hours]*

*[Max. Marks : 80*

*Instructions to the candidates:*

- 1) *Answer to the two sections should be written in separate books.*
- 2) *Neat diagrams must be drawn wherever necessary.*
- 3) *All questions carry equal marks.*
- 4) *All questions are compulsory.*

**SECTION-I**

**Q1)** Answer any two of the following:

- a) What are the reasons for failure of market? Explain.
- b) Explain in brief how quality of environment is depends on economy.
- c) Enlist the problems related to design social cost.

**Q2)** Attempt any two of the following:

- a) Explain how economic instrument protect the environment.
- b) Explain in brief options for decrease the subsidies.
- c) “Valuation of resources is important in while making policies”. Explain in detail.

**Q3)** Answer any two of the following:

- a) How cost-benefit analysis help to audit the resources? Explain.
- b) What is non-renewable resources? Discuss in detail.
- c) “Environmental Policies” is not effective instrument to protect the environment”. Justify the statement

**P.T.O.**

**Q4)** Write short notes (any two):

- a) Problems in cost-benefit analysis.
- b) Exploitation of natural resources and economy.
- c) Externalities.

## **SECTION-II**

**Q5)** Attempt any two from the following:

- a) What are the causes of climate change and add a note on impacts of climate change on human Environment.
- b) Enlist the various methods of studying economic growth.
- c) Explain sustainable strategic planning used for sustainable development of rural areas.

**Q6)** Justify the statement (any two):

- a) Environmental problems are solved by sustainable development.
- b) Carbon trading is effective tool for Environmental Management.
- c) Environmental Kuznet curve is significant indicator of resource utilization.

**Q7)** Attempt any two of the following:

- a) What are the different short term & long term impact of climate change.
- b) Why developing countries needs to promote programmes on non-renewable resources.
- c) Define sustainability indicators & their significance in policy instruments.

**Q8)** Write a note on (any two):

- a) Micro & Macro Level planning.
- b) UNEP.
- c) Social cost.

