

(6 pages)

Reg. No. :

Code No. : 8815

Sub. Code : PESM 24

M.A. (CBCS) DEGREE EXAMINATION,
APRIL 2019.

Second Semester

Economics – Core

ENVIRONMENTAL ECONOMICS

(For those who joined in July 2017 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer:

1. The term environment is derived from _____.
- (a) French
 - (b) Latin
 - (c) English
 - (d) Japanese

2. Material balance model is related to _____.
- (a) Economics
 - (b) Sociology
 - (c) Ecological Economics
 - (d) Biology
3. The economics of welfare was written by _____.
- (a) A.C. Pigou
 - (b) Keynes
 - (c) Richard
 - (d) Pareto
4. Resource conservation is essential to _____.
- (a) Protect the resources
 - (b) Ensure regular supply of resources
 - (c) Serve needs of the present
 - (d) All the above
5. Depletion of ozone layer causes _____.
- (a) blood cancer
 - (b) lung cancer
 - (c) skin cancer
 - (d) breast cancer
6. Biological resources are different from _____ resources.
- (a) Natural
 - (b) Renewable
 - (c) Non-renewable
 - (d) Exhaustible



7. Hawk population is decreasing due to _____.
 (a) Hunting
 (b) Food scarcity
 (c) Excessive use of Pesticides
 (d) All of these
8. Wastelands are _____.
 (a) Drylands
 (b) Unproductive lands
 (c) Economically unproductive
 (d) Grasslands and ecological unsustainable
9. Today, the world's number one problem is _____.
 (a) Nuclear proliferation
 (b) Natural calamities
 (c) Population explosion
 (d) Pollution
10. Environment protection act was enacted in _____.
 (a) 1972 (b) 1974
 (c) 1986 (d) 1991

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PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) Expound the term 'Environment'.
 Or
 (b) Write a short note on amenity services of the environment.
12. (a) What is externality?
 Or
 (b) Define perfectly competitive economy ensures condition for maximum social welfare.
13. (a) What are the effects of deforestation?
 Or
 (b) Why soil resources is important for human welfare?
14. (a) What are pollutants? Give their classification.
 Or
 (b) Mention two important air pollutants and their effects on plants and animals.

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[P.T.O.]



15. (a) What do you mean by sustainable development?

Or

- (b) What is optimum effluent charge?

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Discuss various renewable sources to energy.

Or

- (b) Explain 'Material Balance' model.

17. (a) Analyze the allocation of public goods on the basis of social welfare functions.

Or

- (b) Explain the optimal depletion of an endowment.

18. (a) Elucidate the conservation of water resources.

Or

- (b) Discuss about forest policy in India.

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19. (a) Describe policy measures to control environmental pollution.

Or

- (b) Examine the treatment of waste water to remove the pollutants.

20. (a) Illustrate that effluent charge will reduce the level of pollution.

Or

- (b) Discuss population and environment linkages.
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