

**C 4881**

(Pages : 3)

Name.....

Reg. No.....

**SECOND SEMESTER M.A. DEGREE EXAMINATION, JUNE 2016**

(CUCSS)

Applied Economics

Optional II—ENVIRONMENTAL ECONOMICS

Time : Three Hours

Maximum : 36 Weightage

**Part A**

*Answer **all** questions.*

*Each bunch of **four** questions carries weightage 1.*

(A) Multiple Choice questions :

1 Pollution is rising due to :

- (a) Research.
- (b) Population explosion.
- (c) Industries and transportation.
- (d) Rains.

2 Maximum threat to the world is from :

- (a) Global warming.
- (b) Ozone hole.
- (c) Water pollution.
- (d) Soil erosion.

3 Air pollution from automobile exhausts, and water pollution steel plants are examples of :

- (a) External economies.
- (b) Negative externalities.
- (c) Internal spillover.
- (d) Social distortion.

4 The Greenhouse effect is the phenomenon by which :

- (a) Biological diversity is dominant in agricultural production.
- (b) The globe's water pollution affects plankton.
- (c) The earth's atmosphere traps infrared radiation.
- (d) Climatic changes occur naturally in the forest.

**Turn over**

(B) Multiple Choice :

5 Irritation in eyes is caused by the pollutant :

- (a) PAN. (b) LAN.  
(c) VAN. (d) None of these.

6 Ganga Action Plan was initiated in the year :

- (a) 1986. (b) 1987.  
(c) 1988. (d) 1989.

7 The country which hosted first World Earth Summit (June 1992) on conservation of environment :

- (a) India. (b) Brazil.  
(c) Peru. (d) Spain.

8 The Government levying taxes on polluters or charging surcharges for pesticide use are :

- (a) Example of Coase's theorem.  
(b) Internationalization of negative spillover effects.  
(c) Marginal abatement cost.  
(d) Examples of a free rider.

(C) Fill in the blanks :

9 The cost of reducing the quality of residuals being emitted into the environment is called \_\_\_\_\_

10 Acid rain originates from \_\_\_\_\_

11 The second earth summit was held in the year \_\_\_\_\_

12 World environment day is on \_\_\_\_\_

(D) True or False :

13 IUCN (International Union for Conservation of Nature and Natural Resources was formed in 1948).

14 Maximum greenhouse contribution in earth temperature is by CO<sub>2</sub>.

15 Fish is a natural renewable resources.

16 Ozone depletion is mainly caused by CFCs.

(16 x = 4 weightage)

**Part B**

Answer any **ten** questions not exceeding **one page** each.

*Each question carries a weightage of 2.*

- 17 Explain the term shadow prices.
- 18 Sustainable development.
- 19 Environment values.
- 20 Define Environment pollution. Describe its different types.
- 21 Illuminate the relationship between population and environment.
- 22 Explain common property resources.
- 23 What are the implications underlying in the tragedy of commons
- 24 "Assignment of property rights and bargaining can restore efficiency". Do you agree ?
- 25 Explain the relevance of holistic approach in environmental economics.
- 26 Pareto Optimality.
- 27 Taxable permits.
- 28 Koyoto protocol.

(10 x 2 = 20 weightage)

**Part C (Essay Questions)**

Answer any **three** questions not exceeding **three pages** each.

*Each question carries a weightage of 4.*

- 29 Explain the instruments used for controlling water and air pollution in India.
- 30 Discuss the Grass-root movements for Environment Education.
- 31 Briefly explain the methods of environmental damage assessment.
- 32 Why do markets fail ? What suggestions can you make to solve it ?
- 33 Critically examine the notion of scarcity of natural resources with the present pattern of development.

(3 x 4 = 12 weightage)