

**2017**

( 6th Semester )

**ENVIRONMENTAL STUDIES**

Paper No. : EVS-II

Full Marks : 70  
Pass Marks : 45%

Time : 3 hours

*The figures in the margin indicate full marks for the questions*

Answer **all** questions

**SECTION—A**

Put a Tick  mark against the correct answer in the box provided : 1×15=15

1. Ecosystems act as

(a) resource producers

(b) processors

(c) Both (a) and (b)

(d) None of the above

2. The transfer of food energy from plants through organisms is known as

- (a) food web
- (b) food chain
- (c) productivity
- (d) ecological succession

3. A lung disease known as 'black lung' is caused by

- (a) smoke
- (b) dust produced during mining
- (c) consumption of tobacco
- (d) unhealthy food

4. Prevention of Food Adulteration Rules in India was adopted in the year

- (a) 1974
- (b) 1984
- (c) 1954
- (d) 1964

5. Which among the following is a non-renewable resource?

(a) Water

(b) Land

(c) Fossil fuel

(d) Forest

6. Species going to extinct in the near future are known as

(a) rare

(b) critical

(c) endangered

(d) All of the above

7. The major cause of soil erosion in the hills of North-East India is due to

(a) industrialisation

(b) construction of roads

(c) deforestation

(d) urbanisation

8. Which among the following is the largest preventable cause of cancer in the world?

- (a) Alcoholism
- (b) Tobacco smoking
- (c) Chewing betel nut
- (d) Taking opium

9. International Day for the conservation of the ozone layer is observed on

- (a) 16th June
- (b) 28th September
- (c) 16th September
- (d) 21st March

10. Hotspots of biodiversity in India are located mostly in

- (a) Western Ghats
- (b) North-East region
- (c) Andaman and Nicobar Islands
- (d) All of the above

11. Biological diversity refers to

- (a) genetic variability within a species
- (b) variety of species within a community
- (c) organisation of species in an ecosystem
- (d) All of the above

12. Mirror energy is generated by

- (a) biogas
- (b) glass
- (c) sunlight
- (d) nuclear power

13. Greenhouse effect mostly leads to

- (a) damage of green forest
- (b) atmospheric change
- (c) global warming
- (d) rise in temperature

14. Toxic elements like lead or mercury and nuclear waste are

- (a) degradable
- (b) non-degradable
- (c) persistent pollutants
- (d) None of the above

15. The permitted noise level as per the Environment (Protection) Rules, 1999 is

- (a) 25 dB
- (b) 125 dB
- (c) 100 dB
- (d) 150 dB

SECTION—B

Answer the following in brief :

2×5=10

1. What are the major causes of marine pollution?

2. What are different forms of natural resources?

3. What do you understand by ecosystem?



4. Explain two major health hazards of environmental pollution.

5. What do you understand by climate change?

SECTION—C

1. What is Human Development index? Bring out some indicators of sustainable life styles in human life. 3+2=5

2. Discuss the role of an individual in the conservation of natural resources.

5

3. What are renewable and non-renewable energies?  
What role can you play for conserving non-renewable  
energy?

2+3=5

SECTION—D

1. Describe any two forest ecosystems in India. What are the current threats to forest ecosystems and how can they be conserved? 4+3+3=10

2. What are the major causes of environmental destruction in North-East India? What role should you play to contain it?

5+5=10

3. What do you understand by environmental ethics?  
Suggest some measures to disseminate awareness  
education to the people on environmental protection.

4+6=10