

Ba/Bc/Bs/EVS-501

2015

(5th Semester)

ENVIRONMENTAL STUDIES

Paper No. : EVS-501

Full Marks : 70

Pass Marks : 45%

Time : 3 hours

The figures in the margin indicate full marks for the questions

SECTION—A

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

1. Environment can be better protected and preserved by

- (a) closing down industries
- (b) banning of farming
- (c) creating public awareness
- (d) stopping all developmental activities

2. Water covers

- (a) 50% of the earth's surface
- (b) 60% of the earth's surface
- (c) 70% of the earth's surface
- (d) 80% of the earth's surface

3. The ecosystem consists of

- (a) living organisms
- (b) both living and nonliving things
- (c) plants and animals
- (d) human beings only

4. Biodiversity means

- (a) species of plants
- (b) variety and richness of all plants and animal species
- (c) various species of animals
- (d) variety of insects in the environment

5. 'Project Tiger' was launched by the Government of India in the year

(a) 1973

(b) 1983

(c) 1993

(d) 2003

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

(a) Tobacco consumption

(b) Chewing betel nut

(c) Taking opium

(d) Alcoholism

7. Deep ecology is a new concept on environmental concern that recognizes

(a) the values of both human and non-human lives on earth

(b) the rich ecosystem of the forest

(c) marine life in the deep sea

(d) dependency of men and animals

8. The Air Pollution Control Act was passed in the year

- (a) 1970
- (b) 1976
- (c) 1981
- (d) 2002

9. Conservation of natural resources refers to

- (a) judicious use of natural resources
- (b) use of renewable resources
- (c) stop using most of the resources
- (d) None of the above

10. HIV infection can be identified by

- (a) blood test
- (b) ELISA test
- (c) deep test
- (d) sugar test

11. Which of the following is renewable resource of energy?

- (a) Coal
- (b) Petroleum
- (c) Wind
- (d) Nuclear

12. The World Environment Day is celebrated on
- (a) 5th June
 - (b) 5th July
 - (c) 21st March
 - (d) 19th October
13. The World Population Day is observed on
- (a) March 21
 - (b) June 11
 - (c) April 22
 - (d) September 16
14. In the ecosystem, 'producers' are
- (a) forests
 - (b) plants
 - (c) bacteria
 - (d) organisms
15. The first 'anti-pollution' law was passed in the year
- (a) 1273
 - (b) 1300
 - (c) 1952
 - (d) 1984

SECTION—B

(A) Answer the following questions not exceeding
100 words each ; 2×5=10

1. What are environmental values?

2. Mention the biotic components of an ecosystem.

3. State the scope of environmental studies.

4. What is the importance of value education in achieving a new and sustainable way of life?

5. What are the environmental factors which are closely linked to the welfare of women and children?

(B) Answer the following questions not exceeding
250 words each (any *three*) : 5×3=15

1. Explain the causes of water pollution. 5

2. What do you understand by renewable energy?
Discuss the problems associated with it. 2+3=5

3. Discuss the family welfare programmes adopted by the Government of India to control population explosion.

5

4. What is ecosystem diversity? Discuss the biogeographical classification of India. 2+3=5

5. What is value education? How is value education important in relation to our environment? Explain.

2+3=5

(C) Answer any *three* of the following :

10×3=30

1. What are the major causes of environmental destruction in the North-East India? What role would you play to conserve the environment?

5+5=10

2. Discuss the interrelationship between environment and human life. Give example to substantiate your answer. 8+2=10

3. What do you understand by environmental ethics? Suggest some strategies to disseminate awareness education to the people on environmental protections. 3+7=10

4. What are the ill effects of population explosion?
What are the measures adopted to control
population explosion?

5+5=10

5. What are natural resources? What role can you play in conservation of natural resources? 5+5=10