

CODE NO. Ba/Ho/Ba/EVS-501

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.....EXAMINATION, 2014

.....Exam, 2014

Instructions to Candidates

1. Write your Examination, Roll Number, Registration Number and the other particulars at the Right side of this page only. Do not write your name or the name of your College, anywhere in the Question-cum-Answer Book.
2. You are not allowed to bring any book or loose paper into the Examination Hall.
3. You must not write anything on the question paper or blotting paper or any other material.
4. Any act of indiscipline or misbehaviour in the Examination Hall will result in disciplinary action.
5. You are not allowed to leave the Examination Hall until 30 (thirty) minutes after the commencement of the Examination.

N.B. The space in the margin in all the pages is meant for use of the examiners. Students must *not put any mark* in that space.

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Ba/Bc/Bs/EVS-501

2014

(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. Ecosystem acts as

- (a) resource producers
- (b) processors
- (c) Both of the above
- (d) None of the above

2. Greenhouse effect leads to
- (a) global warming
 - (b) atmospheric change
 - (c) damage of green forest
 - (d) heavy rainfall
3. A lung disease known as 'black lung' is caused by
- (a) consumption of tobacco
 - (b) smoke
 - (c) dust produced during mining
 - (d) unhealthy food
4. The Wildlife Protection Act, 1972 was amended in the year
- (a) 1988
 - (b) 2000
 - (c) 2002
 - (d) 2005
5. The constitutional provision to "protect and improve the natural environment, including forests, lakes, rivers and wildlife, and to have compassion for all living creatures" is in
- (a) Article 54A (g)
 - (b) Article 48A
 - (c) Article 51A (g)
 - (d) Article 52

6. HIV/AIDS is a

- (a) disease
- (b) virus
- (c) bacterium
- (d) nematode

7. National River Conservation Plan was launched in India in the year,

- (a) 1995
- (b) 1994
- (c) 1992
- (d) 2001

8. The ECO-MARK Scheme was launched by the Ministry in the year

- (a) 1991
- (b) 1992
- (c) 1993
- (d) 1994

9. Which among the following is a primary energy source in our life?

- (a) Solar power
- (b) Hydroelectric power
- (c) Biomass energy
- (d) Wind power

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

- (a) urbanization
- (b) industrialization
- (c) construction of roads
- (d) deforestation

11. In the ecosystem, 'producers' are

- (a) animals
- (b) plants
- (c) insects
- (d) animals and plants

12. The term 'human development index' refers to

- (a) increased longevity
- (b) increased knowledge
- (c) enhancement of knowledge
- (d) All of the above

13. 'Earth Day' is being observed on

(a) April 18

(b) April 22

(c) June 5

(d) March 21

14. The term 'species diversity' refers to

(a) number of species in a country

(b) number of species in a State

(c) number of species in a district

(d) number of species in a region

15. Which of the following is a nonrenewable resource of energy?

(a) Timber

(b) Water

(c) Air

(d) Mineral

SECTION—B

(A) Answer the following not exceeding 100 words each :

2×5=10

1. What is hydrosphere?

2. How is biogas produced?

3. Explain food web.

4. Mention the factors responsible for causing acid rain.

5. Explain two health hazards of environmental pollution.

(B) Answer the following not exceeding 250 words each :

5×3=15

1. What are the major pollutants in your State that affect the environment? Discuss.

2. What do you understand by the concept of climate change? How does it affect human life?

3. Discuss the management and mitigation measures of earthquakes.

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

1. Explain the meaning of renewable and nonrenewable energy. What role can you play in conserving the natural resources? 5+5=10

2. Discuss the role of Information Technology in conserving environment.

10

3. What do you understand by pollution? Discuss the causes and effects of water pollution. 4+6=10

4. Define ecosystem. Explain its functions. 4+6=10

5. Explain the causes of deforestation in your State.
What role would you play in containing
deforestation? 5+5=10