

Ba/Bc/Bs/EVS-501

2019

(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 question

SECTION---A

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

1. Green plants in an ecosystem are

(a) producers

(b) consumers

(c) decomposers

(d) None of the above

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2. Importance and awareness of environmental issues need to be created among

- (a) public
- (b) womenfolk
- (c) students
- (d) All of the above

3. Compost manure is in the state/nature of

- (a) organic
- (b) inorganic
- (c) Both (a) and (b)
- (d) None of the above

4. The first Earth Day was celebrated worldwide on

- (a) April 20, 1970
- (b) April 22, 1971
- (c) April 20, 1971
- (d) April 22, 1970

5. 'White coal' is sometimes referred to which of the following?

(a) Geothermal electricity

(b) Wind energy

(c) Hydroelectricity

(d) Biomass energy

6. Solar energy is a type of

(a) renewable energy

(b) non-renewable energy

(c) exhaustible energy

(d) All of the above

7. An abandoned mining settlement automatically turns to

(a) devil town

(b) ghost town

(c) Both (a) and (b)

(d) None of the above

12. Burning of fossil fuels emits
- (a) carbon dioxide
 - (b) carbon monoxide
 - (c) sulfur dioxide
 - (d) chlorofluorocarbon
13. The danger of formaldehyde is that it may cause
- a respiratory irritant
 - b cancer
 - c asthma and allergies
 - d All of the above
14. A sudden and large increase on the size of population is called
- a overpopulation
 - b optimum population
 - c population explosion
 - d None of the above
15. All of the following ways transmit AIDS, *except*
- (a) unsafe sex
 - (b) blood transmission
 - (c) mothers to unborn child
 - (d) mosquito bite

SECTION—B

A. Write on the following in not more than 100 words each : 5=10

1. Decomposer in an ecosystem

2. Renewable and non-renewable resources

3. Causes of deforestation

4. Causes of air pollution

5. Factors of population growth

B. Write on the following in not more than 250 words
each (any *three*) : 5×3=15

1. Scope of environmental studies

2. Use and overexploitation of forest resources

3. Value of biodiversity

Ba Bc/Bs/EVS-501/100

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4. Causes of soil pollution

5. Family welfare programme in India

C. Answer any *three* of the following questions : 10×3

1. Explain the definition and importance of environmental studies.

2. Give an account on the diversity of species in ecosystems.

3. Discuss the role of individual in the conservation of natural resources.

4. Explain the causes and effects of water pollution.

5. Describe the determinants of population growth.