

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 questions

SECTION—A

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

8. Kaveri river water dispute is in between the Indian States of

- (a) Karnataka and Andhra Pradesh
- (b) Kerala and Karnataka
- (c) Kerala and Tamil Nadu
- (d) Karnataka and Tamil Nadu

9. United Nations Environment Programme (UNEP) is a UN agency headquartered in

- (a) Rio de Janeiro, Brazil
- (b) New York, USA
- (c) Nairobi, Kenya
- (d) None of the above

10. Yellow fever is transmitted by

- (a) housefly
- (b) tsetse fly
- (c) mosquito
- (d) ant

11. The number of biogeographic zones in India is

- (a) 9
- (b) 11
- (c) 10
- (d) 12

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

A. Write on the following in not more than 100 words each : 2×5=10

1. Decomposer in an ecosystem

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2. Renewable and non-renewable resources

3. Causes of deforestation

The following are the causes of deforestation:

1. Agricultural expansion

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4. Causes of air pollution

5. Factors of population growth

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

1. Scope of environmental studies

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2. Use and overexploitation of forest resources

3. Value of biodiversity

4. Causes of soil pollution

5. Family welfare programme in India

Explain the objectives and components of environmental studies.

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C. Answer any *three* of the following questions : $10 \times 3 = 30$

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.