

Ba/Bc/Bs/EVS-501

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(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. The impact of construction of dams is

- (a) submerged forests ☐
- (b) loss of wildlife habitat ☐
- (c) damaged ecosystem ☐
- (d) All of the above ☐

2. A herbivore is also known as a
- (a) producer ☐
 - (b) primary consumer ☐
 - (c) secondary consumer ☐
 - (d) decomposer ☐
3. Importance and awareness of environmental issues need to be created among
- (a) public ☐
 - (b) womenfolk ☐
 - (c) students ☐
 - (d) All of the above ☐
4. Which layer of the atmosphere contains the ozone responsible for the absorption of UV light?
- (a) Stratosphere ☐
 - (b) Troposphere ☐
 - (c) Mesosphere ☐
 - (d) None of the above ☐
5. The estimated percentage of the forest land that ideally India should have is
- (a) 50% ☐
 - (b) 15% ☐
 - (c) 33% ☐
 - (d) 44% ☐

6. The functional aspects of the ecosystem are
- (a) energy cycles ☐
 - (b) nutrient cycles ☐
 - (c) food chains ☐
 - (d) All of the above ☐
7. Which human activity can decrease the oxygen levels present in the atmosphere?
- (a) Deforestation ☐
 - (b) Animal hunting ☐
 - (c) Mining ☐
 - (d) Both (a) and (c) ☐
8. Which of the following is/are the benefit(s) of forest?
- (a) Reduces the surface run-off rainwater ☐
 - (b) Prevents soil erosion ☐
 - (c) Regulate the local temperature ☐
 - (d) All of the above ☐
9. Which of the following factors leads to eutrophication?
- (a) Excessive use of fertilizers ☐
 - (b) Increase of plant nutrients ☐
 - (c) Both (a) and (b) ☐
 - (d) None of the above ☐

10. Which day is celebrated as 'World Environment Day'?

- (a) June 10th ☐
- (b) June 5th ☐
- (c) July 5th ☐
- (d) October 20th ☐

11. UNCED stands for

- (a) United Nations Corporation on Environment and Development ☐
- (b) United Nations Conference on Environment and Development ☐
- (c) United Nations Corporation on Environment and Disasters ☐
- (d) United Nations Conference on Environment and Disasters ☐

12. The 3Rs principle is in which of the following orders?

- (a) Reduce, Reuse, Recycle ☐
- (b) Reuse, Reduce, Recycle ☐
- (c) Recycle, Reuse, Reduce ☐
- (d) None of the above ☐

13. The yellowness of the Taj Mahal is an effect of

- (a) acid rain ☐
- (b) allergens ☐
- (c) ozone depletion ☐
- (d) All of the above ☐

14. Which of the following is a renewable source of energy?

- (a) Coal ☐
- (b) Uranium ☐
- (c) Wind ☐
- (d) None of the above ☐

15. Which of the following is the first trophic level in the food chain?

- (a) Herbivores ☐
- (b) Carnivores ☐
- (c) Green plants ☐
- (d) All of the above ☐

SECTION—B

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

1. Causes of deforestation

2. Preventive measures of AIDS

3. Factors of population growth

4. Decomposers in an ecosystem

5. Define biodiversity.

B. Write on any *three* of the following :

5×3=15

1. Values of biodiversity

2. Noise pollution

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3. Family welfare programme

4. Floods

5. Structure and function of an ecosystem

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

1. What do you mean by natural resources?
Explain the role of an individual in conservation
of natural resources. $5 + 5 = 10$

2. What do you understand by Environmental Studies? Mention the scope and importance of environmental studies.

2+4+4=

3. Discuss the biogeographical classification of India. 10

4. What are the different causes of water pollution?
Explain some measures to control water
pollution.

5+5-

5. What is population explosion? What are the causes and consequences of population explosion? 2+4+4=10