

Ba/Bc/Bs/EVS-501

2022

(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

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=10

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=10

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