

# **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 :  $2 \times 5 = 10$

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