

Ba/Bc/Bs/EVS-501 (Sup)

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. Faunal environment refers to

- (a) environment of animals
- (b) physical environment
- (c) environment of plants
- (d) None of the above

2. 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

3. Which of the following is also called detritivores?

(a) Herbivores

(b) Decomposers

(c) Carnivores

(d) None of the above

4. 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

5. Which day is celebrated as World Environment Day?

(a) 10th June

(b) 5th June

(c) 5th July

(d) 20th October

6. The most frequent and naturally occurring disaster across the country is

- (a) volcano
- (b) tsunami
- (c) flood
- (d) earthquake

7. The 3R 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

8. Environment is the life-support system that includes

- (a) air
- (b) water
- (c) land
- (d) All of the above

9. The full form of CNG is

- (a) Common National Gas
- (b) Compressed Natural Gas
- (c) Common Natural Gas
- (d) Certified Natural Gas

10. In the ecosystem, producers are

- (a) plants
- (b) animals
- (c) insects
- (d) plants and animals

11. Malaria is spread through the bite of which of the following female mosquitoes?

- (a) Aedes
- (b) Culex
- (c) Anopheles
- (d) All of the above

12. Energy in the rays from the sun is called

- (a) solar energy
- (b) wind energy
- (c) tidal energy
- (d) hydroenergy

13. Which of the following is the cause of soil erosion?

(a) Unrestricted grazing

(b) Over-cultivation

(c) Deforestation

(d) All of the above

14. Insecticides kill

(a) harmful insects

(b) both harmful and useful insects

(c) specific insects

(d) only plant pests

15. Kaziranga National Park is famous for

(a) one-horned rhino

(b) deer

(c) tiger

(d) elephant

SECTION—B

A. Answer the following questions :

2×5=10

1. What are consumers in an ecosystem?

2. Define deforestation.

3. How can AIDS be prevented?

4. Mention few roles of an individual in conserving the environment.

5. Define thermal pollution.

B. Answer any *three* of the following questions : 5×3=15

1. What are the effects of overexploitation of surface and groundwater resources?

2. What are the values of biodiversity?

3. How can noise pollution be improved?

4. How does the environment affect human health?

5. What are the structure and functions of ecosystem?

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

1. What do you understand by environmental studies? What are the scope and importance of environmental studies? $2+4+4=10$

2. What are renewable and non-renewable resources? How can renewable energy benefit the environment?

5+5=10

3. Explain the biogeographical classification of India.

10

4. What are the causes and effects of water pollution?

5+5=10

5. What do you mean by family welfare programme? In what ways can we effectively implement family welfare programme in our country?

5+5=10