

Ba/Bc/Bs/EVS-501

2023
(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. Autotrophic organisms in the ecosystem are

- (a) producers ☐
- (b) consumers ☐
- (c) decomposers ☐
- (d) None of the above ☐

/100

[P.T.O]

2. Earth Summit is also known as

- (a) United Nations Conference on Human Environment ☐
- (b) United Nations Conference on Environment and Development ☐
- (c) United Nations Environment Programme ☐
- (d) None of the above ☐

3. Which of the following is a migratory bird to Nagaland?

- (a) Eagle ☐
- (b) Amur Falcon ☐
- (c) Tragopan ☐
- (d) Swallow ☐

4. Disease causing agents are called

- (a) pollutants ☐
- (b) pathogens ☐
- (c) carcinogens ☐
- (d) wastes ☐

5. World Environment Day is observed on

- (a) 5th July ☐
- (b) 20th October ☐
- (c) 5th June ☐
- (d) 15th January ☐

6. The Wildlife Conservation Act was passed in

- (a) 1970 ☐
- (b) 1972 ☐
- (c) 1974 ☐
- (d) 1976 ☐

7. Minamata disease is caused by

- (a) cadmium ☐
- (b) mercury ☐
- (c) iron ☐
- (d) arsenic ☐

8. Which of the following is not an example of biotic component?

- (a) Plant ☐
- (b) Fungus ☐
- (c) Animal ☐
- (d) Plastic ☐

9. AIDS is caused by

- (a) bacteria ☐
- (b) virus ☐
- (c) fungi ☐
- (d) insects ☐

10. Which of the following is not an example of renewable resources?

- (a) Wind ☐
- (b) Water ☐
- (c) Solar energy ☐
- (d) Fossil fuel ☐

11. Which of the following pyramids is always upright?

- (a) Pyramid of biomass ☐
- (b) Pyramid of number ☐
- (c) Pyramid of energy ☐
- (d) All of the above ☐

12. The major ozone depleting agent is

- (a) SO_2 ☐
- (b) O_3 ☐
- (c) CH_4 ☐
- (d) CFC ☐

13. World Population Day is observed on

(a) September 11 ☐

(b) June 11 ☐

(c) July 11 ☐

(d) August 5 ☐

14. The resources whose quantity is known and are being used in the present are called

(a) stock resources ☐

(b) potential resources ☐

(c) reserve resources ☐

(d) actual resources ☐

15. Those rare species which are found only in a specific geographical location are called

(a) vulnerable species ☐

(b) endemic species ☐

(c) threatened species ☐

(d) endangered species ☐

SECTION—B

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

1. Define ecosystem.

-
2. Mention two roles of an individual in conservation of natural resources.

-
3. Define secondary air pollutants with examples.

4. What do you understand by species diversity?

5. What is population explosion?

B. Answer any *three* of the following :

5×3=15

1. Explain the functioning of an ecosystem.

-
2. Differentiate between renewable and non-renewable resources with examples.

3. List ten biogeographical zones of India.

-
4. What are the causes and effects of nuclear hazards?

-
5. How can HIV/AIDS be controlled? Mention two causes of HIV/AIDS.

C. Answer any *three* of the following :

10×3=30

1. Discuss the role of producers, consumers and decomposers in an ecosystem.

4+4+2=10

-
2. Define forest resources. Write a short note on the uses of forest resources. Mention four impacts of deforestation. 2+4+4= 10

3. Discuss the value of biodiversity in detail.

10

-
4. Define marine pollution. Mention the causes and effects of marine pollution. 2+4+4

-
5. Explain the role of information technology in environment and human health.

10