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. Autotrophic organisms in the ecosystem are

    (a) producers   ☐

    (b) consumers   ☐

    (c) decomposers   ☐

    (d) None of the above   ☐

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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. $2+4+4=10$

5. Explain the role of information technology in environment and human health. 10

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