

Ba/Bc/Bs/EVS-501

2017

(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. In the ecosystem, 'producers' are

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

2. Which of the following is a non-renewable source of energy?

(a) Water

(b) Timber

(c) Air

(d) Mineral

3. The linear food chains interlinked with each other are called

(a) food chain

(b) ecological succession

(c) food web

(d) None of the above

4. Herbivores are called

(a) decomposers

(b) secondary consumers

(c) primary consumers

(d) detritus feeders

5. Desertification is caused by

- (a) mining
- (b) deforestation
- (c) overgrazing
- (d) All of the above

6. Sardar Sarovar Project is located in

- (a) Punjab
- (b) Gujarat
- (c) Uttar Pradesh
- (d) Bihar

7. The number of hot spots of biodiversity that exist in India is

- (a) 18
- (b) 2
- (c) 20
- (d) 5

8. The organism which feed on the waste products are called

- (a) carnivores
- (b) herbivores
- (c) detrivores
- (d) chemovores

9. The Red Data Book gives the information about

- (a) AIDS
- (b) environment
- (c) endangered species
- (d) total population

10. As per the Environment (Protection) (Second Amendment) Rules 1999, the permitted noise level is

- (a) 128 decibels
- (b) 125 decibels
- (c) 123 decibels
- (d) 130 decibels

11. The Bhopal Gas Tragedy was took place in

- (a) 1960
- (b) 1992
- (c) 1998
- (d) 1984

12. The Forest (Conservation) Act was passed in

- (a) 1929
- (b) 1948
- (c) 1980
- (d) 1970

13. Eutrophication is caused by

- (a) more oxygen in water
- (b) oil spills
- (c) less oxygen in water
- (d) deforestation

14. Ozone layer depletion is caused by

- (a) NO_2
- (b) methane
- (c) CO
- (d) CFC

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

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

SECTION—B

A. Answer the following questions not exceeding
100 words each : 2×5=10

1. What are decomposers?

2. What are the major consequences of deforestation?

3. What is aesthetic value of biodiversity?

4. What are the major causes of noise pollution?

5. How can AIDS be prevented?

B. Answer the following questions not exceeding
250 words each (any three) : $5 \times 3 = 15$

1. What are the structure and functions of ecosystem?

2. Distinguish between renewable and non-renewable resources.

3. What is genetic diversity?

4. Write a short note on soil pollution.

5. Discuss various issues and measures for women and child welfare at national level.

C. Answer any *three* of the following :

10×3=30

1. What are the different causes of air pollution?
Explain some effective measures to control air pollution.

5+5=10

2. What do you mean by family welfare programme? What are the consequences of population explosion? In what ways can we effectively implement family welfare programme in our country?

2+4+4=10

3. What do you understand by environmental studies? What are the scope and importance of environmental studies?

2+8=10

4. What do you mean by natural resources?
Explain the role of an individual in conservation
of natural resources. 5+5=10

5. Briefly explain the biogeographic classification of India.

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