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(6th Semester)

ENVIRONMENTAL STUDIES

Paper No. : EVS-II

Full Marks : 70
Pass Marks : 45%

Time : 3 hours

The figures in the margin indicate full marks for the questions

Answer **all** questions

SECTION—A

Put a Tick mark against the correct answer in the box provided : 1×15=15

1. The organisms which feed on producers are called

- (a) herbivores
- (b) carnivores
- (c) decomposers
- (d) All of the above

2. The lowest layer of atmosphere is called

(a) thermosphere

(b) stratosphere

(c) troposphere

(d) mesosphere

3. The percentage of the earth's surface covered by water is

(a) 65%

(b) 71%

(c) 75%

(d) 81%

4. The Wildlife Protection Act was passed by the Government of India in

(a) 1972

(b) 1982

(c) 1992

(d) 2002

5. Noise is defined as

(a) sound of high frequency

(b) constant frequency

(c) unwanted sound

(d) loud noise

6. The word 'endemic' means

(a) rare and occur everywhere

(b) abundant and seen everywhere

(c) rare and occur only in few locations

(d) abundant and occur only in few locations

7. The resources that can be replaced by natural ecological cycle are called as

(a) natural

(b) exhaustible

(c) renewable

(d) non-renewable

8. Corbett National Park is located in

- (a) Madhya Pradesh
- (b) Uttarakhand
- (c) Tamil Nadu
- (d) West Bengal

9. The Bhopal Gas Tragedy was caused by the leakage of

- (a) potassium isothiocyanate
- (b) ethyl isocyanate
- (c) sodium isothiocyanate
- (d) methyl isocyanate

10. Harmful UV rays emanating from the sun are prevented from reaching the earth by the presence of ozone layer in the

- (a) upper mesosphere
- (b) upper thermosphere
- (c) upper troposphere
- (d) upper stratosphere

11. Greenhouse effect is related to

- (a) ability of atmosphere to retain water vapour
- (b) greenery in country
- (c) ability of certain atmospheric gases to trap heat and keep the planet relatively warm
- (d) grassland

12. World Ozone Day is on

- (a) 16th September
- (b) 18th September
- (c) 20th September
- (d) 24th September

13. The term 'species diversity' refers to

- (a) a number of species in a country
- (b) a number of species in a region
- (c) a number of species in a state
- (d) a number of species in a district

14. Chipko Movement is concerned with

- (a) conservation of natural resources
- (b) development of new breeds of forest plants
- (c) Zoological Survey of India
- (d) forest conservation

15. EIA stands for

- (a) Ecological Impact Assessment
- (b) Environmental Impact Area
- (c) Environment Impact Audit
- (d) Environment Impact Assessment

SECTION—B

Answer/Write on the following in brief :

2×5=10

1. Explain sustainable lifestyles.

2. Biotic and abiotic components

3. *In situ* and *ex situ* conservations

4. Nuclear holocaust

5. Value of biodiversity

SECTION—C

1. Elaborate ecological succession.

5

2. What is vermicompost? Discuss the steps of vermicomposting. 2+3=5

3. State some measures to control soil degradation. 5

SECTION---D

1. What are the causes of water pollution? Discuss the role of an individual in preservation of water from pollution. 4+6-10

2. Elaborate what you can do about the deteriorating environmental situation in our country. 10

3. Discuss the role of Information Technology in environment and human health. 10