

2015

(6th Semester)

ENVIRONMENTAL STUDIES

Paper : EVS-II

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. Ecology is the study of

(a) surroundings

(b) water

(c) earth

(d) human life

2. Fossil fuels are found in the form of

- (a) mechanical energy
- (b) heat energy
- (c) chemical compound
- (d) All of the above

3. Ecological succession is a process through which

- (a) ecosystem tends to change over a period of time
- (b) ecosystem tends to change according to seasonal environmental changes
- (c) ecological changes may involve several decades
- (d) All of the above

4. The Environmental Protection Act came into force in India from

- (a) 1976
- (b) 1986
- (c) 1996
- (d) 2006

5. The World Environment Day is observed on

(a) 12th August

(b) 16th July

(c) 5th June

(d) 21st March

6. Acid rain is mainly caused by the emission of

(a) sulfur dioxide

(b) nitrogen oxide

(c) nitrates

(d) All of the above

7. Silent Valley is presently a

(a) hydel project

(b) national park

(c) farm land

(d) water canal

8. Development that meets the needs of the present without compromising the ability of future generations to meet their own needs is called

- (a) ecological development
- (b) environmental management
- (c) sustainable development
- (d) pollution control

9. World Population Day is observed on

- (a) 11th June
- (b) 14th July
- (c) 10th August
- (d) 13th April

10. Biodiversity can be observed as

- (a) the genetic variability within a species
- (b) the variety of species within a community
- (c) the organization of species in an area into distinctive plant and animal communities
- (d) All of the above

11. Wildlife Week is observed in India in the month of

(a) November

(b) October

(c) June

(d) April

12. The transfer of food energy from plants through organisms is known as

(a) food web

(b) food chain

(c) productivity

(d) ecological succession

13. The forest ecosystem consists of

(a) abiotic

(b) biotic

(c) Both (a) and (b)

(d) None of the above

14. The National River Conservation was launched in India in the year

(a) 1995

(b) 1996

(c) 1986

(d) 2005

15. The permitted noise level as per the Environmental (Protection) Rules, 1999 is

(a) 25 decibels

(b) 100 decibels

(c) 125 decibels

(d) 150 decibels

SECTION—B

Answer the following in brief :

1. Define food web.

2

2. State four measures to control soil erosion. 2

3. State the major threats to biodiversity. 2

4. Explain the role of an individual in solid waste management.

2

5. How does climate change affect the environment?

2

SECTION—C

1. What are mineral resources? How does the use of mineral resources affect the environment? 2+3=5

2. Explain the factors that lead to man-wildlife conflicts.

5

3. What role would you play in rain water harvesting in order to educate your community?

SECTION--D

1. What do you understand by non-renewable energy?
Can we stop exploiting non-renewable resources?
Explain with illustrations to support your answer.

2+5+3=10

2. Discuss the major causes of global warming. 10

3. Explain the major causes and effects of deforestation. 5+5=10