

2022

(6th Semester)

ENVIRONMENTAL STUDIES

Paper : EVS-601

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. Ecosystem has two components

(a) plants and animals

(b) weeds and trees

(c) biotic and abiotic

(d) frogs and snakes

2. The part of the earth that inhabits living organism is called

- (a) biome
- (b) biotrophy
- (c) biosphere
- (d) biodata

3. Extensive planting of trees to increase forest cover is called

- (a) afforestation
- (b) agroforestry
- (c) deforestation
- (d) social forestry

4. The capacity to do work is called

- (a) power
- (b) force
- (c) strength
- (d) energy

5. Plants lose water through leaves by a process called .8

- (a) condensation
- (b) precipitation
- (c) transpiration
- (d) evaporation

6. Which of the following is not in the IUCN classification of threatened species?

- (a) Harmful
- (b) Extinct
- (c) Vulnerable
- (d) Endangered

7. Which of these is a suitable example of *ex situ* conservation?

- (a) National park
- (b) Wildlife sanctuary
- (c) Sacred groves
- (d) Gene bank

8. Which of the following is a fossil fuel?

(a) Oil

(b) Coal

(c) Natural gas

(d) All of the above

9. The Earth Day is observed on

(a) 21st April

(b) 22nd April

(c) 5th June

(d) 8th March

10. Which out of the following is the cause of soil erosion?

(a) Unrestricted grazing

(b) Overcultivation

(c) Deforestation

(d) All of the above

11. Yellowing of Taj Mahal is an effect of

- (a) acid rain
- (b) global warming
- (c) ozone depletion
- (d) All of the above

12. A pond is an example of

- (a) lentic habitat
- (b) lotic habitat
- (c) both lentic and lotic habitat
- (d) None of the above

13. Maximum amount of air found in gas is

- (a) oxygen
- (b) carbon dioxide
- (c) hydrogen
- (d) nitrogen

14. The mosquito repellents (coils and liquids) that are generally used in our homes are

(a) pesticides

(b) fertilizers

(c) sedatives

(d) insecticides

15. Which of the following is a biodegradable waste?

(a) Plastic

(b) Polythene

(c) Glass

(d) None of the above

SECTION—B

Answer the following in short :

2×5=10

1. Write two major factors responsible for depletion of natural resources.

2. Define pollution.

2x3-10

3. Mention some ways to manage solid waste.

4. What is food chain? Give example.

5. Mention some of the important environmental laws of India.

(10)

SECTION—C

5×3=15

Answer the following :

1. How do modern agriculture methods affect our environment?

2. Define disaster management. Discuss the management and mitigation measures of earthquake.

3. Write a note on soil erosion.

(13)

SECTION—D

Answer the following :

10×3=30

1. Explain the types and functions of forest ecosystem.

5+5=10

2. What are hotspots of biodiversity? Which are the hotspots found in India? 3+7=10

(19)

3. Discuss the causes and effects of global warming.
What measures are needed to control global
warming?

3+3+4=10