

2019

(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. What is the most important environmental issue of this century?
- (a) Scarcity of water
- (b) Climate change
- (c) Population growth
- (d) Shortage of petroleum

2. What is the basis of all food chains?

- (a) Consumer
- (b) Producer
- (c) Decomposer
- (d) Detrivore

3. Which of the following is **not** found in a tropical rain forest?

- (a) Desert area
- (b) Rich diversity of plants and animals
- (c) Acidic soil
- (d) Abundant rainfall

4. Why is water a unique resource?

- (a) There is a finite amount of water in the world
- (b) Water has no substitute
- (c) Water is often polluted
- (d) We cannot meet the demand

5. Which of the following is a renewable energy source?

(a) Natural gas

(b) Wind

(c) Coal

(d) Uranium

6. What did the word 'Chipko' become famous for?

(a) It is a song of the tribals

(b) It is the name of a village

(c) It is the name of a book

(d) It means hugging trees

7. Which is the most important International Agreement for conserving all biodiversities?

(a) UNCLOS

(b) Convention on Soil

(c) Convention on Biological Diversity

(d) CITES

8. What is meant by upcycling?

- (a) Recovering useful material from waste
- (b) Turning waste into products of higher quality
- (c) Separating waste into categories
- (d) Composting biodegradable waste

9. Which of the following is the successful International Agreement on ozone layer depletion?

- (a) Kyoto Protocol
- (b) Vienna Convention
- (c) Montreal Protocol
- (d) Copenhagen Accord

10. Acid rain is formed when

- (a) man-made chemical air pollutants combine with atmospheric water droplets
- (b) matter decomposes
- (c) factories let out gases
- (d) an acid mixes with rain

11. Which of the following views about the environment is currently dominant?

(a) Anthropocentric view

(b) Ethical view

(c) Biocentric view

(d) Ecocentric view

12. Which of the following statements is true with regard to Tsunami?

(a) It is a tidal wave.

(b) It moves very fast in the ocean.

(c) It is caused by moon's gravitation.

(d) It is caused by an undersea earthquake.

13. What is meant by disaster mitigation?

(a) Funding research in environment

(b) Returning the community

(c) Awareness towards environment

(d) Minimizing the possible effects of a disaster

14. The Decade of Sustainable Energy for All is the initiative of

(a) UK

(b) India

(c) Germany

(d) United Nations

15. What does OPEC stand for?

(a) Petroleum Exporting Countries

(b) Organization of Pakistan, Egypt and China

(c) Organization of the Petroleum Exporting Countries

(d) Open People and Exchange Countries

SECTION—B

Answer the following in short :

2×5=10

1. What is meant by 'keystone' species?

2. Explain a food chain.

3. What is the importance of rainwater harvesting?

4. What is the impact of deforestation on the environment?

5. What is meant by eutrophication of lakes?

(10)

SECTION—C

1. Explain ecological succession and its various stages. 5

2. Discuss biodiversity conservation in the context of moral and ethical values.

5

3. What is watershed management? Write its benefits. 5

SECTION—D

1. What is climate change? Mention the major critical man-made factors responsible for climate change and its consequences. 2+4+4=10

2. What do you mean by 'disaster mitigation'? List the main elements of effective mitigation strategy. 3+7=10

3. What is sustainable development? What are the steps an individual can take for sustainable living?

4+6=10