

**Ba/Bs/Bc/Bba/Bca/EVS-601**

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( 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

Choose and write the correct answer from the options  
provided : 1×15=15

1. Primary source(s) of energy in a food web is/are

- (a) green plants
- (b) sun
- (c) inorganic nutrients
- (d) animals

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- 2.** Forests prevent soil erosion by binding soil particles in their
- (a) stems
  - (b) leaves
  - (c) roots
  - (d) buds
- 3.** Overgrazing results in
- (a) productive soils
  - (b) soil erosion
  - (c) retention of useful species
  - (d) All of the above
- 4.** A lung disease known as 'black lung' is caused by
- (a) smoke
  - (b) dust produced during mining
  - (c) consumption of tobacco
  - (d) unhealthy food
- 5.** The Forest Conservation Act was passed in
- (a) 1980
  - (b) 1981
  - (c) 1982
  - (d) 1972

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6. A resource that cannot be replaced in a reasonably short time is usually referred to as
- (a) renewable
  - (b) non-renewable
  - (c) natural
  - (d) man-made
7. The true end of any food chain is the
- (a) decomposer
  - (b) predator
  - (c) consumer
  - (d) human
8. Species restricted to a particular area is known as
- (a) endemic
  - (b) endangered
  - (c) epidemic
  - (d) hot spot
9. Ozone Day is observed on
- (a) 3rd January
  - (b) 16th September
  - (c) 10th November
  - (d) 26th March

- 10.** Dodo is
- (a) endangered species
  - (b) rare species
  - (c) extinct species
  - (d) exotic species
- 11.** Which of the following is not an air pollutant?
- (a) Sulphur dioxide
  - (b) Nitrous oxide
  - (c) Oxygen
  - (d) Carbon monoxide
- 12.** The place of origin of earthquake is known as
- (a) dip
  - (b) epicentre
  - (c) focus
  - (d) strike
- 13.** Chernobyl disaster is associated with
- (a) nuclear accident
  - (b) landslide
  - (c) earthquake
  - (d) acid rain

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- 14.** The unfavourable alteration of environment due to human activities is termed as
- (a) ecological disturbance
  - (b) catastrophe
  - (c) ecological degradation
  - (d) pollution
- 15.** The percentage of the earth's surface covered by water is
- (a) 65%
  - (b) 71%
  - (c) 75%
  - (d) 81%

SECTION—B

Answer the following in short :

2×5=10

- 1.** What is food web? Give example.
- 2.** Mention the major environmental impacts of mineral extraction.
- 3.** What is Red Data Book?
- 4.** Define desertification.
- 5.** What measures as an individual will you take to reduce environmental pollution?

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SECTION—C

Answer the following : 5×3=15

1. Give a brief account of alternate sources of energy.
2. Write a short note on landslides. What measures can be taken to prevent landslides?
3. What is rainwater harvesting? What are the purposes served by it?

SECTION—D

Answer the following : 10×3=30

1. Write a note on types and characteristics of aquatic ecosystem. 5+5=10
2. What are meant by *ex-situ* and *in-situ* conservation of biodiversity? Give examples. 5+5=10
3. What is ozone layer? What are the causes and problems of ozone layer depletion? 2+4+4=10

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