

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

(2)

- 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

(3)

- 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

(5)

- 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?

(6)

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
