

# Ba/Bc/Bs/EVS-501

2018

( 5th Semester )

## ENVIRONMENTAL STUDIES

Paper No. : EVS-501

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. The heterotrophic organisms in ecosystem are

- (a) producers
- (b) consumers
- (c) decomposers
- (d) None of the above

2. All of the following are inorganic components of an ecosystem, *except*

(a) carbon dioxide

(b) water

(c) nitrogen

(d) protein

3. Organism of an ecosystem linked together is

(a) food chain

(b) food pyramid

(c) trophic level

(d) None of the above

4. The World Environment Day is on

(a) 6th June

(b) 9th June

(c) 5th June

(d) 7th August

5. The sere involved in primary ecological succession is called
- (a) subsere
  - (b) presere
  - (c) hydrosere
  - (d) xerosere
6. The earth Summit at Rio de Janeiro was held in the year
- (a) 1993
  - (b) 2003
  - (c) 1992
  - (d) None of the above
7. Coal resource is
- (a) inexhaustible resource
  - (b) exhaustible resource
  - (c) renewable resource
  - (d) None of the above

8. Chipko Movement was related to

- (a) deforestation
- (b) afforestation
- (c) desertification
- (d) global warming

9. Wise utilization of resource is a concept of

- (a) preservation
- (b) conservation
- (c) Both (a) and (b)
- (d) None of the above

10. Ozone layer of atmosphere is depleted by

- (a)  $\text{CO}_2$
- (b)  $\text{NO}_2$
- (c) CFC
- (d)  $\text{H}_2\text{O}$

11. Sleeping sickness is spread by

- (a) housefly
- (b) mosquito
- (c) tsetse fly
- (d) acid fly

12. Growth of the world population is governed by a set of factors as
- (a) birthrate and death rate
  - (b) birthrate and migration
  - (c) death rate and migration
  - (d) migration alone
13. The main chemical(s) in air pollution that create(s) acid rain is/are
- (a) sulfur dioxide and nitrogen
  - (b) carbon dioxide and nitrogen
  - (c) methane and oxide
  - (d) carbon monoxide
14. India is one of the few countries which has a Forest Policy since
- (a) 1894
  - (b) 1952
  - (c) 1988
  - (d) 1947
15. The First World AIDS Day was observed on
- (a) 1st December, 1987
  - (b) 1st December, 1988
  - (c) 1st December, 1989
  - (d) 1st December, 1990

SECTION—B

A. Write on/Answer the following in not exceeding  
100 words each : 2×5=10

1. Concept of ecosystem

2. Overexploitation of groundwater resources

### 3. Conservation of resources



4. What are the environmental factors which are closely linked to the welfare of women and children?

5. How does AIDS spread?

**B.** Write on the following in not exceeding 250 words  
each (any *three*) : 5×3=15

1. Importance of environmental studies

2. Use and overexploitation of forest resources

### 3. Ecosystem diversity

4. The control measures of noise pollution

5. Factors for growth of population in the world

C. Answer any *three* of the following questions :  $10 \times 3 = 30$

1. Explain the structure and function of an ecosystem.  $5+5=10$



2. Describe the role of an individual in conservation of natural resources.

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3. Divide India into different bio-geographical regions. Explain any one of them in detail. 5+5=10

4. Examine the causes and control measures of air pollution. 5+5=10

5. Critically examine the role of information technology on environment and human health.

5+5=10