

Subject Code :
Ba/Bs/Bc/Bba/Bca/EVS-II

Date Stamp

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To be filled in by the Candidate

BA / BSc / BCom / BBA / BCA
6th Semester End Term
Examination, **2020**

Subject

Paper

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INSTRUCTIONS TO CANDIDATES

1. This Question-cum-Answer Booklet contains questions of both Objective and Descriptive. The Objective portion contains questions of 40 marks and the Descriptive portion contains questions of 30 marks. You have to answer the questions of both the portions in this Booklet in the space provided.
2. While answering the questions of this booklet, any cutting, erasing, over-writing or furnishing more than one answer is prohibited. Instructions given in each question should be followed for answering that question only.

*Signature of
Scrutiniser(s)*

*Signature of
Examiner(s)*

*Signature of
Invigilator(s)*

Ba/Bs/Bc/Bba/Bca/EVS-II

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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

Put a Tick ☒ mark against the correct answer in the box
provided : 1×15=15

1. The term 'human development index' refers to

- (a) increased longevity ☐
- (b) increased knowledge ☐
- (c) enhancement of knowledge ☐
- (d) All of the above ☐

(2)

2. Which among the following can be regarded as the simplest ecosystem?

(a) A valley ☐

(b) A river ☐

(c) A lake ☐

(d) A pond ☐

3. Ground subsidence occurs due to

(a) withdrawal of more groundwater than its recharge ☐

(b) more recharge of groundwater than its withdrawal ☐

(c) equal rates of recharge and withdrawal ☐

(d) None of the above ☐

4. Which of the following is an example of ex situ conservation?

(a) Biosphere reserve ☐

(b) Gene bank ☐

(c) Sanctuary ☐

(d) All of the above ☐

(3)

5. Which one of the following is not associated with reducing the run-off loss of water?

- (a) Contour cultivation ☐
- (b) Chemical wetting ☐
- (c) Surface crop residues ☐
- (d) Fallow soil ☐

6. Cattle, sheep and termites are responsible for the release of which of the following greenhouse gases?

- (a) Methane ☐
- (b) Carbon dioxide ☐
- (c) Nitrous oxide ☐
- (d) All of the above ☐

7. ENVIS generates database on

- (a) coastal ecology ☐
- (b) biodiversity ☐
- (c) occupational health ☐
- (d) All of the above ☐

(4)

8. Gross primary productivity is the highest in

- (a) open oceans ☐
- (b) grasslands ☐
- (c) wet tropical forests ☐
- (d) agroecosystem ☐

9. Many of the synthetic pesticides are

- (a) biodegradable ☐
- (b) non-biodegradable ☐
- (c) herbicides ☐
- (d) fertilizers ☐

10. Energy enters on an ecosystem through

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

(5)

11. World Forestry Day is observed on

(a) 21st March ☐

(b) 22nd April ☐

(c) 2nd October ☐

(d) 5th June ☐

12. Smog is a term used to describe

(a) aerosol consisting of water droplets ☐

(b) aerosol consisting of liquid droplets ☐

(c) mixture of smoke and fog ☐

(d) None of the above ☐

13. Which of the following is the non-renewable resource of energy?

(a) Air ☐

(b) Timber ☐

(c) Water ☐

(d) Minerals ☐

(6)

14. The Japanese term for sea waves generated by undersea earthquakes is

(a) typhoon ☐

(b) cyclones ☐

(c) tsunami ☐

(d) storm ☐

15. The process of destroying waste materials by burning at a very high temperature is

(a) primary treatment ☐

(b) composting ☐

(c) incineration ☐

(d) landfilling ☐

(7)

SECTION—B

Answer the following in short :

2×5=10

1. Mention the factors responsible for acid rain.

(8)

2. What are the advantages of composting?

3. What are the ecological significances of wildlife?

(9)

4. Discuss the salient features of the Wildlife Protection Act, 1972.

5. What are the various methods involved in wasteland reclamation?

(10)

SECTION—C

1. What are food chains? Give an example and discuss their significance.

5

(11)

2. Write about the role of individual in prevention of air pollution.

5

(12)

- 3.** What are the impacts of modern agricultural practise on our environment?

5

(13)

SECTION—D

1. Discuss the major causes of man-wildlife conflicts in India. Mention the remedial steps that can curb the conflicts. 5+5=10

(15)

(16)

2. What are solid wastes? What adverse effects can solid wastes cause? How can the solid wastes be managed? 2+4+4=10

(17)

(19)

3. Discuss the potential and contribution of greenhouse gases to global warming phenomenon. What are the major implications of enhanced global warming?

4+6=10

(20)

(21)

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