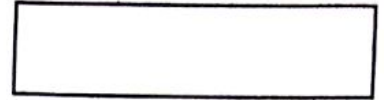


CODE NO. Ba/Bs/Bc—EVS



Serial No. 6709

Date Stamp 17 FEB 2014



EXAMINATION, 2014

Exam, 2014

Instructions to Candidates

1. Write your Examination, Roll Number, Registration Number and the other particulars at the Right side of this page only. Do not write your name or the name of your College, anywhere in the Answer Book.
 2. You are not allowed to bring any book or loose paper into the Examination Hall.
 3. You must not write anything on the question paper or blotting paper or any other material.
 4. Any act of indiscipline or misbehaviour in the Examination Hall will result in disciplinary action.
 5. You are not allowed to leave the Examination Hall until 30 (thirty) minutes after the commencement of the Examination.
- N.B.* The space in the margin in all the pages is meant for use of the examiners. Students must *not* put any mark in that space.

Pagewise Score			
1		13	
2		14	
3		15	
4		16	
5		17	
6		18	
7		19-21	
8		22-24	
9		25-27	
10		28-30	
11		31-33	
12			
Total			

ROLL NO.

REGN. NO.

OF

Signature of Scrutiniser

Signature of Examiner

Signature of Invigilator(s)

Ba/Bs/Bc—EVS

2014

ENVIRONMENTAL STUDIES

Full Marks : 80

Pass Marks : 32

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 : 1×25=25

1. The assemblage of individuals of same kind inhabiting a particular area is called

(a) community

(b) biome

(c) population

(d) organism

2. The 'Man of the Trees' is

- (a) Bahuguna
- (b) Chandiprasad Bhatt
- (c) Baba Amte
- (d) St. Barbe Baker

3. Ecological pyramids are

- (a) always upright
- (b) always inverted
- (c) both upright and inverted
- (d) None of the above

4. The transfer of food energy from plants through organisms is known as

- (a) food web
- (b) food chain
- (c) productivity
- (d) ecological succession

5. Ecology is the study of

(a) human life

(b) surroundings

(c) water

(d) the earth

6. The Bhitarkanika Sanctuary for turtles is located in

(a) Nagaland

(b) Manipur

(c) Orissa

(d) West Bengal

7. Greenhouse effect refers to

(a) green-coloured house

(b) warming of the earth

(c) ozone holes

(d) keeping green plants in house

8. When did the Environment (Protection) Act come into force in India?

(a) 1986

(b) 1976

(c) 1966

(d) 2006

9. Wildlife Protection Act was enacted by India to declare hunting as unlawful act in the year

(a) 1979

(b) 1972

(c) 1962

(d) 1982

10. Which of the following is concerned with the conservation of forests?

(a) Silent Valley

(b) Kaziranga

(c) Gir

(d) Ghana

11. Chipko Movement is the world's most known eco-development programme started by S. L. Bahuguna in 1973. It is related with

- (a) conservation of forest
- (b) afforestation
- (c) planting
- (d) population

12. World Forest Day is celebrated on

- (a) 5th June
- (b) 21st March
- (c) 19th March
- (d) 20th March

13. World AIDS Day is celebrated on

- (a) 12th October
- (b) 5th May
- (c) 7th June
- (d) 1st December

14. Biotic components include

- (a) producers, consumers and decomposers
- (b) consumers only
- (c) producers only
- (d) both producers and consumers

15. The number of primary producers within a specified area would be maximum in

(a) pond ecosystem

(b) grassland

(c) desert

(d) forest ecosystem

16. In most food webs, green plants are of prime importance, because

(a) most animals eat plants

(b) they contain chlorophyll

(c) they can convert light energy to chemical energy

(d) they provide protection for animals

17. Which of the following is the right order of food chain in an ecosystem?

(a) Herbivores → Carnivores → Decomposers → Plants

(b) Plants → Herbivores → Carnivores → Decomposers

(c) Carnivores → Decomposers → Plants → Herbivores

(d) Decomposers → Plants → Herbivores → Carnivores

18. Species going to extinct in the near future are known as

- (a) endangered
- (b) rare
- (c) critical
- (d) All of the above

19. Wildlife Reserve is located in the State of

- (a) Orissa
- (b) Assam
- (c) Mizoram
- (d) Kerala

20. Corbett National Park is in the State of

- (a) MP
- (b) AP
- (c) HP
- (d) UP

21. Climatic-origin natural disaster is

- (a) earthquake
- (b) landslide
- (c) drought
- (d) All of the above

22. Which of the following plants can reduce the noise on land?

(a) Gulmohar

(b) Peepal

(c) Mango

(d) Neem

23. Chlorofluorocarbon causes

(a) air pollution

(b) water pollution

(c) ozone depletion

(d) soil pollution

24. HIV infection can be identified by

(a) blood test

(b) ELISA test

(c) deep test

(d) sugar test

25. The rapid and dramatic increase in world population is called as

(a) population expansion

(b) population explosion

(c) population rate

(d) population oscillation

SECTION—B

Write the answer of the following not exceeding 100 words each :

1. State the role of students in environmental awareness.

3

2. State the scope of environmental studies.

2

3. Give the functional aspects of an ecosystem.

2

4. What is desert ecosystem?

2

5. Give an account of the endangered species of India.

2

6. What do you mean by *in situ* conservation?

2

7. What are the causes of soil pollution?

2

8. Briefly write on rainwater harvesting in Nagaland. 2

9. What are the causes of global warming? 2

10. Briefly state on the Wildlife Act, 1972.

2

11. State the role of Information Technology in human health.

2

12. Why do the AIDS-infected persons need a healthy environment?

SECTION—C

Answer any *three* of the following :

1. Explain the energy flow in a typical ecosystem. 10

2. Define environmental pollution. What are its harmful effects on human life?

2+8=10

3. Write briefly on the Air (Prevention and Control of Pollution) Act, 1981.

10

4. What are the ill effects of population explosion? What measures can be adopted to control population explosion?

3+7=10

5. What are the issues and problems associated with enforcement of environmental legislation?

10