

CODE No. Ba/Bc/Bs/EVS-501

Serial No.

Date Stamp

.....EXAMINATION, **2020**

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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 Question-cum-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

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Ba/Bc/Bs/EVS-501

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(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 World Environment Day is on

(a) 6th June ☐

(b) 9th June ☐

(c) 5th June ☐

(d) 7th June ☐

2. Tiger is

- (a) producer in the ecosystem ☐
- (b) secondary consumer ☐
- (c) primary consumer ☐
- (d) None of the above ☐

3. Abiotic environment means

- (a) living environment ☐
- (b) non-living environment ☐
- (c) bird and tiger ☐
- (d) All of the above ☐

4. How many percent of land is under forest in India today?

- (a) 9% ☐
- (b) 12% ☐
- (c) 15% ☐
- (d) 18% ☐

5. Which of the following is associated with El Niño phenomenon?

(a) Global warming ☐

(b) Ozone depletion ☐

(c) Acid rain ☐

(d) Climate change ☐

6. Which of the following mosquitoes carries the parasitic diseases of Malaria?

(a) Male anopheles mosquito ☐

(b) Female anopheles mosquito ☐

(c) Both (a) and (b) ☐

(d) None of the above ☐

7. How many kg of air does an average human require in each day?

(a) About 11 kg ☐

(b) About 12 kg ☐

(c) About 13 kg ☐

(d) About 14 kg ☐

8. How many million species on earth has been identified by conservation scientists?

- (a) About 1·8 million ☐
- (b) About 1·7 million ☐
- (c) About 1·6 million ☐
- (d) About 1·5 million ☐

9. Which of the following drugs is derived from opium/poppy plant for reducing pain?

- (a) Bromelain ☐
- (b) Atropine ☐
- (c) Cocaine ☐
- (d) Codeine ☐

10. Kaziranga, the World Heritage Site in India is located in

- (a) Manipur ☐
- (b) West Bengal ☐
- (c) UP ☐
- (d) Assam ☐

11. Ozone layer is prevalent in the

- (a) stratosphere ☐
- (b) mesosphere ☐
- (c) troposphere ☐
- (d) thermosphere ☐

12. Which of the following gases produces the most damaging acid rain?

(a) Carbon monoxide ☐

(b) Carbon dioxide ☐

(c) Sulphur dioxide ☐

(d) Hydrogen sulfide ☐

13. When do we observe the World Population Day?

(a) July 9 ☐

(b) July 11 ☐

(c) July 7 ☐

(d) July 5 ☐

14. Diarrhoea is an example of

(a) water scarcity disease ☐

(b) water-based disease ☐

(c) water-related vector disease ☐

(d) waterborne disease ☐

15. When did Bhopal Gas Tragedy occur?

(a) 1984 ☐

(b) 1982 ☐

(c) 1980 ☐

(d) 1986 ☐

SECTION—B

A. Write on the following in not more than *100* words
each : 2×5=10

1. Concept of ecosystem

2. Dams and their effects on tribal people

3. Control measures of forest resources

4. Causes of water pollution

5. Preventive measures of AIDS

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

1. Importance of environmental studies

2. Role of individual in conservation of natural resources

3. Bio-geographical classification of India

4. Causes, effects and control measures of noise pollution

5. Role of Information Technology in environment and human health

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

1. What do you mean by environmental studies?
Discuss its scope. $3 + 7 = 10$

2. Write a note on value of biodiversity.

10

3. What is deforestation? Explain the causes and effect of deforestation. 3+3+4=10

4. What is air pollution? Explain the causes and effects of air pollution. 3+7=10

5. What is population explosion? What are the causes and consequences of population explosion? 2+4+4=10

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