

.....EXAMINATION, 2016

.....Exam, 2016

**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	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11-12	
13-14	
15-16	
17-18	
19-20	
21-23	
24-26	
27-29	
30-32	
33-36	
<b>Total</b>	

ROLL NO. ....

REGN. NO. ....

OF .....

Signature of Scrutiniser

Signature of Examiner

Signature of Invigilator(s)

**2016**

( 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. Many of the synthetic pesticides are

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

2. Which of the following is a non-renewable resource?

- (a) Forest
- (b) Land
- (c) Water
- (d) Fossil fuel

3. Which among the following is a primary energy source in our life?

- (a) Biomass energy
- (b) Wind power
- (c) Solar power
- (d) Hydroelectric power

4. Faunal environment refers to

- (a) environment of animals
- (b) physical environment
- (c) environment of plants
- (d) None of the above

5. The organisms in the biological environment are mainly

- (a) producers
- (b) decomposers
- (c) macroconsumers
- (d) All of the above

6. The 'Earth Day' is being observed on

- (a) April 18
- (b) April 22
- (c) June 5
- (d) March 21

7. Oil in water affects fish by affecting

- (a) gills
- (b) scales
- (c) eyes
- (d) None of the above

8. Itai-itai disease in Japan was caused by consumption of rice contaminated with
- (a) mercury
  - (b) iron
  - (c) zinc
  - (d) cadmium
9. The organisms which feed on dead organisms, wastes of living organisms are called
- (a) chemotrophs
  - (b) carnivores
  - (c) detritivores
  - (d) decomposers
10. The major consequence(s) of deforestation is/are
- (a) destruction of natural habitat of wild species
  - (b) disturbances in hydrological cycle
  - (c) soil erosion
  - (d) All of the above
11. Biological treatment of water pollution is done with the help of
- (a) phytoplanktons
  - (b) lichens
  - (c) fungi
  - (d) All of the above

**PDF Eraser Free**

**12.** The largest maize producer of the world is

(a) China

(b) The USA

(c) Mexico

(d) Brazil

**13.** The thermal pollution of water bodies is due to the discharge of

(a) chemical from the industries

(b) agricultural runoff

(c) hot water from power plants

(d) water from mining

**14.** Chemicals or agents that cause cancer are called

(a) carcinogen

(b) mutagen

(c) teratogen

(d) neurotoxin

**15.** Excessive irrigation of soil leads to

(a) soil pollution

(b) flood

(c) soil erosion

(d) waterlogging

SECTION—B

(A) Answer the following questions not exceeding 100 words each : 2×5=10

1. What is consumptive use value of biodiversity?

**PDF Eraser Free**

2. What is the importance of value education in achieving a new sustainable way of life?



## PDF Eraser Free

3. What are the ill-effects of population explosion on environment?

PDF Eraser Free 4. Give the role of decomposers in an environment.

PDF Eraser Free 5. How can AIDS be prevented?

**(B)** Answer the following questions not exceeding  
250 words each (any *three*) : 5×3=15

1. Define biodiversity. What are the major  
bio-geographical zones of India? 5

PDF Eraser Free 2. Discuss various issues and measures for women and child at international and national level.

5

PDF Eraser Free  
3 What is air pollution? Discuss major sources of pollutants causing pollution in air.

5

**PDF Eraser Free**

4. Distinguish between renewable and non-renewable resources.

5

**PDF Eraser Free**

5. What is meant by population explosion? Discuss the family welfare and family planning programme in Indian context.

5



(C) Answer any three of the following :

10×3=30

1. What is ENVIS? Discuss about the role of information technology in conserving environment. 2+8=10

**PDF Eraser Free** 2. What is the scope of environmental studies? How can the environment be better protected by creating public awareness campaigns? 5+5=10

**PDF Eraser** 3. Discuss the major uses of forest. What are the causes and consequences of deforestation? 3+7=10

4. Define noise pollution. What are its adverse effects? How can the noise pollution be controlled?

$$3+3\frac{1}{2}+3\frac{1}{2}=10$$

5. What are the environmental impacts of groundwater usage? Briefly discuss droughts and floods with respect to their occurrence and impacts.

3+7=10