

Dr. PANJABRAO DESHMUKH KRISHI VIDYAPEETH, AKOLA
SEMESTER END THEORY EXAMINATION

B.Sc. (Hons.) Horticulture

Semester	: II(New)	Term	: II	Academic Year	: 2020-21
Course No.	: H/EVS-121	Title	: Environmental Studies and Disaster Management		
Credits	: 3(2+1)				
Day & Date	Saturday	Time	: 10.00-12.00	Total Marks	: 80
	27/11/2021				

Note:

1. Solve **ANY EIGHT** questions from **SECTION 'A'**.
 2. Solve **ANY TWELVE** questions from **SECTION 'B'**
 3. All questions from **SECTION 'C' are compulsory.**
 4. Send the PDF file of answer sheet to the email-id of respective course teacher.
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SECTION A

(Write the answers in 4-5 sentences only. Each question carries 4 marks.)

- Q.1 Define global warming. Enlist the different effects of global warming.
- Q.2 Define pollution. Give control measures of noise pollution.
- Q.3 Define deforestation. Write down the various causes of deforestation.
- Q.4 Explain the structural and functional component of pond ecosystem.
- Q.5 Define biodiversity. Explain the methods of biodiversity conservation.
- Q.6 Write down the scope of environmental studies.
- Q.7 Give different types of ecological pyramids and explain any one in detail.
- Q.8 What are the advantages and disadvantages of dam.
- Q.9 Define natural resources. Classify the different types of resources with suitable examples.
- Q.10 What is mean by disaster management? Describe the mitigation measures for flood disaster.

SECTION B

(Write the answer in one sentence only. Each question carries 2 marks)

- Q11 Answer in one sentence/Do as directed/Define etc.

Answer the following in one sentence

- 1.The gaseous mantle contains how much per cent of oxygen and nitrogen?
2. Which gases are responsible for global warming.
3. What is mean by biota?
4. Name the organizations actively dedicated to wild life conservation.

5. Give two examples of renewable energy resources.
6. What is the importance of stratosphere in human life?
7. Give one example of symbiotic association.
8. What is the basic source of energy in all food chain?

Give full form of the following

9. IUCN 10. BOD 11. WWF 12. NEERI 13. CPCB 14. PAN

SECTION C

(Choose the correct options. Each question carries 1 mark.)

Q12. Choose the correct options from the following.

- 1 Which of the following element is responsible for groundwater pollution in various state?

a) Chlorine	b Fluoride
c) Mercury	d Benzene
- 2 The most frequent and naturally occurring disaster is.

A Drought	b Tsunami
C Floods	d Earthquake
- 3 CFCs are used as

A Refrigerants	b Insulators
C aerosol propellents	d All of them
- 4 Soil pollution is caused by

A Aerosol	b Ozone
C PAN	d Acid rain
- 5 The 3 R principle is in which of the following order.

A Reuse, Reduce, Recycle	b Reduce, Reuse, Recycle
C Recycle, Reduce, Reuse	d None of the these
- 6 Forest conservation act was amended in which of the following year?

A 1952	b 1963
C 1988	d 1978
- 7 Cement factory labourers are prone to

A Leukemia	b Bone marrow disease
C Asbestosis	d Cytosilicosis
- 8 -----ecosystems are maintained artificially by man

A Man-made	b Marine
C Artificial	d Brackish
- 9 The term ecosystem was coined by

A Odum	b Clements
C Arthur G Tansley	d Elton
- 10 Which of the following gas has an important role in maintaining atmospheric temperature?

A Nitrogen	b Oxygen
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- a) Afforestation
- c) Social forestry

- b) Agroforestry
- d) Deforestation
