

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION

B.Sc. (Hons.) Horticulture

Semester	: II (New)	Term	: II	Academic Year	: 2017-18
Course No.	: H/EVS -121	Title	: Environmental Studies And Disaster Management		
Credits	: 3 (2+1)				
Day & Date	: Wednesday, 02.05.2018	Time	: 09.00 to 12.00	Total Marks	: 80

- Note : 1. Solve ANY EIGHT questions from SECTION "A".
2. All questions from SECTION "B" are compulsory.
3. All questions carry equal marks.
4. Draw neat diagrams wherever necessary.

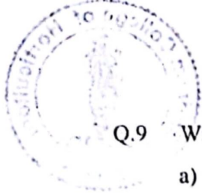
SECTION "A"

- Q.1 Define environment. Explain main components of environment.
Q.2 What do you mean by global warming? Explain in detail the effects of global warming.
Q.3 Define biodiversity? Describe classification of biodiversity.
Q.4 Define pollutants. Describe the various environmental pollutants.
Q.5 Define deforestation. Explain the causes of deforestation.
Q.6 What is disaster? Explain different types of disasters.
Q.7 Explain in short the Environment (Protection) Act, 1986.
Q.8 What is mean by ecosystem? Explain structural and functional components of an ecosystem.
Q.9 Define the population. Explain the characteristics of human population.
Q.10 Explain in brief the environmental impact assessment.

SECTION "B"

- Q.11 Define following terms.
1) Wildlife 2) Food Chain 3) Eutrophication 4) Mutualism
5) Pollution 6) Biosphere 7) Biota 8) Energy flow
- Q.12 Do as directed.
1) Give the full form of BOD.
2) Name the organizations actively dedicated to wild life conservation.
3) What is atmosphere?
4) Define renewable resources.
5) What is the % volume of nitrogen in atmosphere?
6) What is the unit of noise pollution?
7) What is geothermal energy?
8) What is sustainable development?

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Q.9 Write in brief about lesser yam on following aspects.

- a) Soil
- b) Manures and fertilizers
- c) Varieties
- d) Harvesting and yield

Q.10 Give the information in tabular form.

Sr. No.	Name of the crop	Botanical name	Family	Propagation	Varieties
1	Xanthosoma				
2	Chinese potato				

SECTION "B"

Q.11 Fill in the blanks.

- 1) India ranks on _____ position in area and production of potato.
- 2) Botanical name of horse radish is _____.
- 3) 'Gajendra' is a variety of _____.
- 4) CTCRI is located at _____.

Q.12 Match the following pairs.

"A"

- 1) Sweet potato
- 2) Potato
- 3) Colocasia
- 4) Greater yam

"B"

- a) Dioscoreaceae
- b) Araceae
- c) Solanaceae
- d) Convolvulaceae

