

# KERALA AGRICULTURAL UNIVERSITY

B.Sc (Hons.) Ag. Degree Programme 2013 Admission

VI<sup>th</sup> Semester Final Examination-August- 2016

Cat. No: Ssac.3206

Marks: 50.00

Title: Environmental Science (1+1)

Time: 2 hrs

## I Fill up the blanks

(10 x 1 =10)

1. September 16 is celebrated as the \_\_\_\_\_
2. Minamata disease is due to \_\_\_\_\_ pollution
3. The Bhopal gas tragedy in 1984 was due to the leak of \_\_\_\_\_ gas
4. Complex organic matter is converted into nutrient elements by \_\_\_\_\_
5. The year \_\_\_\_\_ has been designated as the International Year of biodiversity.
6. The term ecology was coined by \_\_\_\_\_
7. Earthquake is an example of \_\_\_\_\_ disaster.
8. The study of interactions between organisms and their environment is called \_\_\_\_\_
9. The first international conference on environment was held at \_\_\_\_\_
10. Orissa super cyclone occurred during the year \_\_\_\_\_

## II Write short notes on ANY FIVE

(5 x 2 =10)

1. Eutrophication
2. Homeostasis
3. Radioactive wastes
4. Penalties for violation of the Environment (protection) Act, 1986
5. Desert ecosystem
6. Food web and food chain
7. Autotrophs and Heterotrophs

## III. Explain ANY FIVE of the following

(5 x 4 =20)

1. The importance of renewable resources.
2. Biotic components of ecosystem.
3. Chemical Oxygen Demand (COD)
4. Effects of air pollution on plants
5. Major highlights of wildlife (protection) Act, 1972 of India
6. Effect of SO<sub>2</sub> and photochemical smog on plants.
7. Functions of State Pollution Control Board (SPCB)

## IV. Write essay on ANY ONE

(1 x 10=10)

1. The structure of an ecosystem.
2. What is a cyclone? How is it formed? Describe the various mitigation measures?.

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