

KERALA AGRICULTURAL UNIVERSITY

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

VIth 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 SO₂ 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?.
