

KERALA AGRICULTURAL UNIVERSITY

B.Sc (Hons.) Ag. 2012 Admission
VIth Semester Final Examination- July /August -2015

Cat. No: Ssac.3206

Title: Environmental science (1+1)

Marks: 80

Time: 3 hours

Part I : Fill up the blanks /State True or False/Define _____ (10 x 1=10)

1. Carbon monoxide is one of the primary air pollutant
2. Green house gases absorbs infra-red radiation in the atmosphere
3. Eutrophication is a process in air pollution
4. Soluble effluents pollute the ground water
5. Heavy metals are the primary source of soil pollution
6. Excess nitrate concentration in drinking water is called _____

7. A plant species tolerant to pollution is called _____
8. What is phyto remediation

9. The earth summit during 1992 was held at _____
10. India's first forest policy was enacted in _____

Part II : Write short notes (Any 10)

(10 x 3 = 30)

1. State certain global effects taken on environmental protection
2. Write a note on agro forestry
3. What is eco-tourism
4. State on wild life management
5. Narrate the concept of environmental impact assessment
6. What are the benefits of environmental auditing
7. Write on ecological sensitivity and diversity
8. What is resilience?
9. What are the sources of soil pollution
10. Write a short note on stratospheric ozone depletion
11. State on deforestation
12. State the role of information technology on environment

Part III : Write short essays on **any six** of the following

(6 x 5 = 30)

1. Write a note on disaster management
2. Narrate on renewal energy resources
3. What are the sources of air and water pollution and how they could be managed
4. Explain the strategy involved in converting unsustainability to sustainability
5. Define eco system along with their concepts and structure
6. Write a note on environmental protection act on air and water
7. Define biodiversity and classify them
8. Brief on the forest conservation act

Part IV: Write an essay on **any one** of the following

(1 x 10 = 10)

1. Enumerate the threats to biodiversity and how it can be conserved
2. Write an essay on the hazards of industrial and nuclear waste when dumped in to the soil and their management strategy