

KERALA AGRICULTURAL UNIVERSITY

B.Sc Hons (Ag) 2010 Admission

VIth Semester Final Examination- July /August -2013

Cat. No: Ssac.3206

Title: Environmental science (1+1)

Marks: 80

Time: 3 hours

I. Fill up the blanks/State True or False

10x1=10

1. The term 'environment' is derived from a French word means to encircle or surround.
2. is celebrated as the World Environment Day
3. Earthquake is an example of disaster
4. The first international conference on environment was held at Stockholm. True/False
5. The study of interactions between organisms and their environment is called environmental studies True/False
6. Sir Arthur G Tansley (1935) coined the term Ecosystem True/False
7. The non-living parts of an ecosystem are called
8. Blue baby disease is due to pollution
9. The year 2010 has been designated as the International year of
10. Ear muffs or cotton plugs are used to reduce pollution of

II. Write short notes/answers on Any Ten

10x3=30

1. Different segments of environment
2. Biomagnification
3. Global warming
4. Energy flow through ecosystem
5. Conservation of biodiversity
6. Tsunami
7. Water (prevention and control of pollution) Act, 1974
8. Marine ecosystem
9. Agro ecosystem
10. Consumers and decomposers of the ecosystem
11. Preventive measures for solid waste pollution
12. Land slides

III. Write short essays on Any Six

6x5=30

1. Greenhouse effect
2. Biochemical Oxygen Demand (BOD)
3. Acid rain
4. Chemical Oxygen Demand (COD)
5. The salient features of forest (conservation) Act, 1980
6. Impact of women education on environmental protection
7. Self purification of rivers and the mechanisms involved in this process.
8. Mitigation measures of cyclone

IV. Write an essay

1x10=10

1. Role of Information Technology in Environment and Human Health

OR

2. What is air pollution ? What are its effects on human health ? Discuss the measures used for controlling air pollution.
