



KERALA AGRICULTURAL UNIVERSITY
B.Sc. (Hons.) Ag. 2016 Admission
III Semester Final Examination-February-2018

Ssac.2104

Environmental Studies & Disaster Management (1+1)

Marks: 50
Time: 2 hours
(10x1=10)

I Fill in the blanks

- 1 Environmental Protection Act was enacted during the year -----
- 2 The term ecosystem was coined by -----
- 3 -----is an ex situ method of biodiversity conservation method.
- 4 -----is emitted due to vehicular pollution.
- 5 Oil spill can be treated by a method called-----

Match the following

- | | |
|-------------------|---------------------------|
| 6 Red Data Book | a Excess N& P content |
| 7 Biomass energy | b Energy flow |
| 8 Eutrophication | c Endangered species |
| 9 Pyrolysis | d Renewable energy source |
| 10 Unidirectional | e Solid waste management |

II Write Short notes on ANY FIVE of the following

(5x2=10)

- 1 Incineration and Pyrolysis
- 2 Food chain and food web
- 3 Ozone depletion
- 4 Volcanic eruptions
- 5 Rain water harvesting
- 6 Thermal pollution
- 7 Biodiversity hot spots in India

III Answer ANY FIVE of the following

(5x4=20)

- 1 What are the impacts of industrial waste water pollution? Explain with an example.
- 2 Describe in detail about the threats to biodiversity.
- 3 Elaborate on noise pollution. Explain the different noise levels and its effects on human health.
- 4 What are green house gases? Explain the effects of global warming?
- 5 Explain the activities of national disaster management framework.
- 6 Describe the characteristic features, structure and function of Forest ecosystem.
- 7 Mention the role of an individual in conservation of natural resources.

IV Write an essay on ANY ONE of the following

(1x10=10)

- 1 How will you differentiate a natural disaster and a manmade disaster? Explain in detail about them with examples.
- 2 Write an essay on the sources, effects and control of air pollution.
