



KERALA AGRICULTURAL UNIVERSITY

B. Sc. (Hons.) Ag. 2015 Admission

VI Semester Final Examination- July -2018

Ssac.3206

Environmental Science (1+1)

Marks: 50

Time: 2 hours

(10x1=10)

I

Fill in the blanks:

- 1 Compilation of data maintained by IUCN on species threatened with extinction is.....
- 2 Transfer of contaminants through food chain is referred as
- 3 Ozone concentration is measured by units

State True or False

- 4 BOD measures the inorganic pollutant load in wastewater
- 5 *Itai Itai* disease is due to mercury pollution
- 6 Anaerobic treatment is suitable for low strength wastewater

Choose the correct answer

- 7 Water Act came into force during
a 1974 b 1947 c 1965 d 1980
- 8 A species or group of species whose impact on its community or eco system is much larger and more influential
a Species b Key stone c Community d Biome
- 9 Commonly used coagulant in wastewater treatment
a Chlorine b Alum c $KMnO_4$ d Ozone
- 10 Wildlife preservation society of India is located at
a Dehradun b Manipur c Calcutta d Mumbai

II

Write Short notes on ANY FIVE of the following

(5x2=10)

- 1 Scope of environmental science
- 2 Marine pollution
- 3 Global warming – causes and impacts
- 4 Eutrophication
- 5 Environmental protections acts
- 6 Sustainable development
- 7 Natural resources

III

Answer ANY FIVE of the following

(5x4=20)

- 1 Define eco system and classify the types of eco systems.
- 2 Causes and impacts of earthquakes.
- 3 Major effects of discharge of industrial effluents on soil eco -system.
- 4 Advantages of renewable resources.
- 5 Pattern of ecological pyramids in various eco systems.
- 6 Impact of noise pollution
- 7 Environmental education

IV

Write an essay on ANY ONE of the following

(1x10=10)

- 1 Explain the threats to biodiversity and suggest some of the important strategies to conserve biodiversity
- 2 Explain the various national and international organizations involved in environmental monitoring
