



KERALA AGRICULTURAL UNIVERSITY
B.Tech. (Agrl. Engg.) 2020 Admission
I Semester Final Examination-November 2021

Lwre.1102

Environmental Studies and Disaster Management (2+1)

Marks: 50
Time: 2 hours

I Fill in the Blanks

(10x1=10)

1. Interactions between the abiotic aspects of nature and living organisms together form the _____.
2. _____ effect in the atmosphere leads to global warming.
3. _____ deals with the degree of nature's variety in the biosphere.
4. Conserving a species in its own environment by protecting its habitat with all other species that live in it in nature is known as _____ conservation.
5. Pollutants that are emitted directly from identifiable sources by natural and human activities are known as _____ pollutants
6. Small pieces of solid material like smoke particles from fires, bits of asbestos, dust particles and ash dispersed in the air is known as _____.
7. When fossil fuels such as coal, oil and natural gas are burned chemicals like sulfur dioxide and nitrogen oxides are formed and this reacts with water and other chemicals and return to the ground in the form of _____.
8. _____ are intense low pressure areas spiraling anticlockwise in the Northern Hemisphere.
9. Full form of IPCC is _____.
10. The atmospheric layer which contains ozone _____.

II Write short notes on ANY FIVE of the following

(5x2=10)

1. Deforestation
2. Soil erosion
3. Ecosystem degradation
4. Ethical and moral values of biodiversity
5. Tropical cyclones
6. Land slides
7. Marine pollution

III Answer ANY FIVE of the following

(5x4=20)

1. Land degradation
2. Energy flow in an ecosystem
3. Food chain and food web
4. Importance of conservation of fresh water sources
5. Urbanization
6. Hot spots of biodiversity
7. Nuclear Hazards

IV Write an essay on ANY ONE of the following

(1x10=10)

1. In-situ and ex-situ conservation of biodiversity
2. Floods and mitigation measures in India
