



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

Swce 1101

Environmental Science & Disaster Management (1+1)

Marks: 50
Time: 2 hours

I Fill in the blanks

(10x1=10)

1. Hydrologic cycle is driven by _____.
2. Secondary atmosphere was formed due to _____.
3. The transition zone between two different types of communities is called _____.
4. The term succession was coined by _____.
5. London smog is also called as _____.

State whether True or False

6. The crustal layer of the earth is also called as Sima.
7. When excess of sewage is dumped in the river, its BOD increases.
8. National Institute of Disaster Management is located at Pune.
9. Ladang refers to shifting cultivation.
10. Sound becomes painful and irritating to ears when its level exceeds 80 dB.

II Write short notes on ANY FIVE of the following

(5x2=10)

1. Inexhaustible natural resources.
2. Ecological pyramids
3. Nucleated settlements
4. Photo-oxidants
5. Bio magnification
6. Pioneer organisms
7. Non-point source pollutants.

III Answer ANY FIVE of the following

(5x4=20)

1. Explain the impact of technology on environment.
2. Explain different types of non-conventional energy sources and their advantages.
3. Explain the structure and function of pond ecosystem.
4. Explain the ecological importance of forest.
5. Discuss the ambient air quality standards.
6. Discuss on recycling of waste water.
7. Write note on ozone depletion.

IV Write an essay on ANY ONE of the following

(1x10=10)

1. Illustrate nitrogen cycle with neat diagram.
2. Discuss causes of land degradation and phytoremediation techniques to curb soil pollutants.
