

Jaypee University of Engineering & Technology, Guna

T-1 (Odd Semester 2021)

18B19GE399-Environmental Science

Max. Duration: 1 Hour

Maximum Marks:15

Note: 1. This question paper has 03 questions.

2. Write relevant answer only.

3. Do not write anything on question paper except enrolment number.

- Q.1 (a) Elaborate the components of environment. How it plays the important role in development of life on the earth system? [3]
- (b) Briefly explain "Thermal Stratification of Atmosphere" with suitable sketch. [2]
- Q.2 (a) Elucidate the nutrient cycle and energy flow in food chain with suitable sketch. [2]
- (b) What do you mean by ecological succession? Explain process of ecological succession with neat and clean sketch. [3]
- Q.3 (a) Explain consumptive and non-consumptive value of forest resource. [3]
- (b) Briefly elaborate the significance of primary production and secondary production in food chain. [2]
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