

# Jaypee University of Engineering & Technology, Guna

T-2 (Odd Semester 2021)

18B19GE399-Environmental Science

Max. Duration: 1 Hour 30 Minutes

Maximum Marks:25

Note: 1. This question paper has 05 questions.

2. Write relevant answer only.

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

Q.1 (a) Explain advantages and limitations of the wind energy and geothermal energy. [2]

(b) Define biomass energy and its significance in modern world. How biomass energy is more predictable than solar energy? [3]

Q.2 (a) What do you mean by "Hot Spot" of biodiversity? List out at least five threats to biodiversity. [2]

(b) Classify India into major biogeographical classification, based on biodiversity. [3]

Q.3 Define conservation of biodiversity and also explain the role of NGT in conservation of biodiversity in India. [5]

Q.4 (a) Explain functions of ecosystem in "Trophic Structure". [2]

(b) Elucidate various types of "Ecological Pyramids" with suitable examples. [3]

Q.5 Explain various control methods of air pollution, adopted by the industries. [5]