

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

MAKE-UP EXAMINATION- APRIL 2018

B.Tech IV Semester

COURSE CODE: 10B11GE411

MAX. MARKS:25

COURSE NAME: Environmental Studies

COURSE CREDITS: 3

MAX. TIME: 1.5h

Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means.

- Q1. What do you understand by renewable energy resources? Explain with examples (3+2)
- Q2. What are the major factors responsible for air pollution? Discuss different strategies to mitigate problems associated with air pollution (3+2)
- Q3. Explain the synthesis biodiesel from different raw materials (3)
- Q4 Draw a well labelled sketch of Nitrogen Cycle (2)
- Q5. Which gases are contributing towards global warming? What are the consequences of global warming? (2+3)
- Q6 Discuss and describe the role of different abiotic and biotic components of an ecosystem?
- Q7. Explain the following in brief: (2)
- a) Kyoto Protocol
 - b) Trophic levels