

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

Test -1 EXAMINATION, Feb 2018

B.Tech IV Semester (All branches)

COURSE NAME: Environmental Studies

MAX.MARKS:15

COURSE CODE: 10B11GE411

MAX.TIME: 1 h

Note: Carrying of mobile phones during examination will be treated as a case of unfair means.

Q1. Answer the following in brief:

(1x5=5)

- a) Mention the names of four segments comprising the ecosystem.
- b) On which date of the year, the World Environment day is observed?
- c) Name any two contemporary Indian Environmentalists
- d) What do you understand by cetane number in respect to biodiesel?

Q2. a) What do you understand by 10% law of energy? Explain the role of different components contributing in the maintaining 10% law. (2)

b) How the human activities are disturbing the biogeochemical cycling of minerals? (2)

c) What are the environmental hazards associated with mining and extraction of minerals? (2)

Q3. Describe the following in brief with respect to air pollution: (4)

a) Acid rain

b) Particulate air pollutants