



JK Lakshmipat University, Jaipur

Institute of Engineering and Technology

End Term Examination

B. Tech. [First Year]/[First Semester]/[2013]

Course Name: Environmental Studies

Course Code: ID 101

Max Marks: 40

Time: 03.00 hr

Instruction: Attempt all sections.

Section A

- Q.1. Choose the best answer out of the given set of choices (1x5)
- a) The gas that absorbs the infrared radiation is
A. SO_2 B. NO_2 C. CO_2 D. CO
- b) The Mechanism by which homeostasis of nature works through
A. Physicochemical process B. Biogeochemical process
C. Positive and negative Feedback loops D. Ecological Succession
- c) Forest are
A. Renewable resources B. Non-Renewable resources
C. Inexhaustible D. None of these
- d) The gas released by producers is
A. N_2 B. O_2 C. CO_2 D. CO
- e) Ozone layer depletion shall cause
A. Forest fire B. Global warmer
C. Incidence of skin cancer D. None of all
- Q.2. (2x2.5)
- a) What are the impacts of industrialization on human environment?
- b) What are the effects of global warming?

Section B (Any Four)

(4x5 Marks)

- Q.3 Give a detailed account of how the transfer of energy and materials are taking place continuously while the ecosystem continues to be stable.
- Q.4 Describe the structure and function of a tropical rain forest.
- Q.5 Describe the ecological significance of biodiversity.
- Q.6 What are the effects of water pollution?
- Q.7. What are the causes and effects of deforestation? What are the conservation methods you suggest?

Section C

(10 Marks)

- Q.8 Discuss the major air pollutants, effects, their preventions and also explain few pollution cases studies in India.

Or

Describe the

- a) Solid waste management
- d) Ecological pyramids