



(Following Paper ID and Roll No. to be filled in your Answer Book)

PAPER ID : **199127**

Roll No.

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B. Tech.

(SEM. I) (ODD SEM.) THEORY
EXAMINATION, 2014-15
ENVIRONMENT & ECOLOGY

Time : 2 Hours] [Total Marks : 50

- 1 Attempt any four parts : $3\frac{1}{2} \times 4 = 14$
- a) Write the necessity of public awareness on ecosystem.
 - b) Write a note on global warming
 - c) What are the effects of industrial growth?
 - d) Write the disadvantages of thermal pollution
 - e) What is Bio indicator? How it is used to monitor the environment?
 - f) Write role of individual for the protection of environment.
- 2 Attempt any two parts : $6 \times 2 = 12$
- a) Write in detail about food web and food chain.
 - b) Write a note on Y shaped model energy flow.
 - c) What is nitrogen cycle and phosphorus cycle? Justify the ecological significance.

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3 Attempt any two parts : $6 \times 2 = 12$

- a) Write the various factors which influence the deforestation and list out the impacts of deforestation.
- b) Write in detail about effects and disposal methods of nuclear pollution.
- c) What is noise pollution? Explain in detail of its various sources, effects and control measures.

4 Attempt any two parts : $6 \times 2 = 12$

- a) What is ozone layer formation and depletion? Explain its various effects on human health.
- b) Write in detail about Forest Act.
- c) Discuss the case study about Tsunami effects.