

Printed Pages : 2



EAS-205

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

PAPER ID : 199210

Roll No.

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B. Tech.

(SEM. II) THEORY EXAMINATION, 2014-15

ENVIRONMENT AND ECOLOGY

Time : 2 Hours]

[Total Marks : 50

1 Attempt **any four** parts **3.5×4 = 14**

- (a) What are various approaches for conservation of biodiversity?
- (b) Explain nitrogen cycle with the help of diagram.
- (c) Discuss impacts of mining on environment.
- (d) What are the effects of modern agriculture on environment?
- (e) Give a note on water borne diseases.
- (f) What are the benefits of Environmental impact Assessment?

- 2** Attempt **any two** parts **6× 2=12**
- (a) What are the factors affecting population growth ? Also discuss effects of population explosion.
 - (b) Discuss sources, effects and control of water pollution.
 - (c) Explain causes, effects and control of flood.
- 3** Attempt **any two** parts **6×2 =12**
- (a) Explain structure and functions of an ecosystem.
 - (b) What is greenhouse effect'? Discuss effects of global -warming.
 - (c) What are important features of Water (Prevention and control of pollution) Act, 1974?
- 4** Attempt **any two** parts **6×2=12**
- (a) What do you mean by restoration of damaged ecosystem? How ecosystem can be restored?
 - (b) Explain causes and effects of acid rain.
 - (c) Discuss the issues involved in enforcement of environmental legislation.