

Reg. No. :

--	--	--	--	--	--	--	--	--	--

Question Paper Code: 21005

B.E. / B.Tech. DEGREE EXAMINATION, MAY 2014.

Second Semester

Civil Engineering

01UCY204- ENVIRONMENTAL SCIENCE

(Common to all branches)

(Regulation 2013)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions.

PART A - (10 x 2 = 20 Marks)

1. What do you mean by Ecological succession?
2. Define the terms of habitat loss.
3. What is landslide?
4. Mention the effects of noise pollution.
5. What are the renewable energy sources? Give an example.
6. Define overgrazing.
7. What are the ozone layer depleting chemicals?
8. Mention the objectives of public awareness.
9. Differentiate Immigration and Emigration.
10. Mention the goals and functions of value education center.

PART - B (5 x 16 = 80 Marks)

11. (a) (i) What do you mean by Ecological Pyramid? Explain in detail. (8)
(ii) Explain Grass land Ecosystem in detail. (8)

Or

- (b) (i) Explain the terms of India as a Mega-diversity Nation. (8)
(ii) Briefly explain the conservation of biodiversity. (8)
12. (a) (i) What do you mean by air pollution? Enumerate the sources and effects of Air pollution. (8)
(ii) What is Thermal pollution? Explain its effect. (8)

Or

- (b) (i) Explain any four methods of disposal of municipal solid waste. (8)
(ii) Explain the various disaster management methods during cyclone and earthquake. (8)
13. (a) (i) What is deforestation? Explain its causes. (8)
(ii) Enumerate the environmental effects of extracting and using mineral resources. (8)

Or

- (b) (i) Explain the role of an Individual in conservation of National Resources. (8)
(ii) What are the causes of soil erosion and the methods of preventing it? (8)
14. (a) (i) What is watershed management? Explain the objectives and management techniques of watershed management. (8)
(ii) Discuss the effects and control measures of acid rain. (8)

Or

- (b) (i) Write short notes on Environmental Protection act. (8)
(ii) What do you meant by Global warming? Explain its effects. (8)
15. (a) (i) What is Population Explosion? Explain the causes and effects of pollution. (8)
(ii) Write a note on Human Rights. (8)

Or

- (b) (i) What is AIDS? Mention the symptoms and effects of AIDS. (8)
(ii) Discuss the role of IT in Environmental and human health. (8)