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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech II Year II Semester Supplementary Examinations Nov/Dec 2019
ENVIRONMENTAL STUDIES
Civil Engineering

Time: 3 hours

Max. Marks: 60

(Answer all Five Units 5 x 12 = 60 Marks)

UNIT-I

- 1 a Define Renewable and Non-Renewable resources. 2M
b Give a detail account on Solar energy, Hydropower Energy and Nuclear Energy. 10M

OR

- 2 a Define Environment. 2M
b Discuss Multidisciplinary Nature of Environmental studies. 10M

UNIT-II

- 3 Explain various processes involved in Ecological succession. 12M

OR

- 4 a Define Food Chain and Food Web. Explain its significance. 6M
b Discuss the models of Energy flow in an Ecosystem. 6M

UNIT-III

- 5 a Define Biodiversity. 2M
b Explain In-situ and Ex-situ Conservations. 10M

OR

- 6 a Define Poaching. 2M
b Give an account on Indian diversity with special reference as a mega diversity nation. 10M

UNIT-IV

- 7 a Define Noise pollution. 2M
b Explain the causes, effects and control measures of Noise pollution. 10M

OR

- 8 a What is watershed management? Discuss the practices of watershed management. 6M
b Discuss the sources, effects and control measures of ozone layer depletion 6M

UNIT-V

- 9 a Explain about Municipal solid waste management. 6M
b What is sustainable development? Explain it in brief. 6M

OR

- 10 What is the role of Information technology in Environment and human health? 12M

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