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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech II Year II Semester Regular & Supplementary Examinations May 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 Discuss the ecological uses of forests. 6M
b What are the effects of deforestation on Environment? 6M

UNIT-II

- 3 a Define Food chain. 2M
b What are Ecological pyramids? Explain different types of ecological pyramids with a neat sketch. 10M

OR

- 4 a Explain various processes involved in Ecological succession. 12M

UNIT-III

- 5 a Discuss the values of bio diversity. 12M

OR

- 6 a Define Poaching. 2M
b Explain Endangered and Endemic species with examples. 10M

UNIT-IV

- 7 a Define Air pollution. Explain the causes, effects and control measures of Air Pollution. 12M

OR

- 8 a What is solid waste management? Explain its causes and effects. 6M
b What is watershed management? Discuss the practices of watershed management. 6M

UNIT-V

- 9 a What are the strategies taken for the development of child in healthy environment? 6M
b Discuss the impacts on environment due to the increase of pollution. 6M

OR

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

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