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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)

B.Tech II Year I Semester Supplementary Examinations November-2020
ENVIRONMENTAL STUDIES

(Common to EEE, ECE, CSE & CSIT)

Time: 3 hours

Max. Marks: 60

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

UNIT-I

- 1 What are major causes for conflicts over water? Discuss one international and one inter-state water conflict. 12M

OR

- 2 a Discuss the ecological uses of forests. 6M
b Discuss about the renewable resources of energy. 6M

UNIT-II

- 3 **Explain**
a Food chains 4M
b Food web 4M
c Ecological pyramids. 4M

OR

- 4 Define ecosystem. Describe the effect of current changes in the environment on the following ecosystems 12M
(i) Grass land ecosystem (ii) Aquatic ecosystem

UNIT-III

- 5 Explain in detail about the values of Biodiversity. 12M

OR

- 6 a Define genetic diversity and species diversity with examples. 6M
b Discuss about in-situ conservation of biodiversity. 6M

UNIT-IV

- 7 **Write a note on**
a Acid rains 6M
b Global Warming 6M

OR

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

UNIT-V

- 9 a Describe Air Prevention and control of pollution Act. 6M
b Describe Environment Protection Act. 6M

OR

- 10 Explain about Municipal solid waste management. 12M

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