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

(EEE, ECE, CSE & CSIT)

Time: 3 hours

Max. Marks: 60

(Answer all Five Units **5 x 12 = 60** Marks)**UNIT-I**

- 1 What are the 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 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 Define Ecosystem. **2M**
b Explain the structural components of desert and forest ecosystem. **10M**

UNIT-III

- 5 Discuss the values of Biodiversity. **12M**

OR

- 6 a Which are the hotspots found in India? Discuss their salient Features. **6M**
b Explain the major threats of Biodiversity. **6M**

UNIT-IV

- 7 Discuss the sources, effects and control measures of Acid rains, Global warming and Ozone layer depletion. **12M**

OR

- 8 a What is solid waste management? Explain its causes and effects. **6M**
b Discuss the causes and effects of Air pollution. **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 Kyoto Protocol. **6M**
b Write a brief note on Montreal protocol? **6M**

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