

Reg. No:

|  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|

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

**B Tech II Year II Semester Supplementary Examinations October-2020**  
**ENVIRONMENTAL STUDIES**  
(Civil Engineering)

Time: 3 hours

Max. Marks: 60

Answer *all five* units 5 x 12 = 60Marks**UNIT-I**

- 1 What are the major causes for conflicts over water? Discuss with the help of a case study, on the effects of big dams on forests and the tribal's. **12M**

**OR**

- 2 a Explain Hydrological cycle. **6M**  
b What are the effects of deforestation on environment? **6M**

**UNIT-II**

- 3 a Discuss the models of energy flow in an ecosystem. **6M**  
b Explain food chain, food web. **6M**

**OR**

- 4 Explain the different aquatic ecosystems. **12M**

**UNIT-III**

- 5 a Explain genetic diversity & species diversity **6M**  
b Explain the bio-geographical classification of India. **6M**

**OR**

- 6 Give an account on Indian diversity with special reference as a mega diversity nation. **12M**

**UNIT-IV**

- 7 a Write note water pollution. **6M**  
b What is an earth quake? Write its effects. **6M**

**OR**

- 8 What is solid waste management explain causes and its effects & control measures of solid waste management. **12M**

**UNIT-V**

- 9 Describe air (prevention and control or pollution) Act. Environment Act. **12M**

**OR**

- 10 Discuss the impact of increase of pollution on environment. **12M**

\*\*\*END\*\*\*