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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)**B.Tech III Year II Semester Regular & Supplementary Examinations October-2020**
ENVIRONMENTAL STUDIES
(Common to Mech. & AGE)

Time: 3 hours

Max. Marks: 60

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

UNIT-I

- 1 a Discuss the major environmental impacts of mineral extraction. **6M**
b Classification of minerals with examples. **6M**
- OR**
- 2 a Write a brief note on Nuclear Energy. **6M**
b What are the effects of deforestation on Environment? **6M**

UNIT-II

- 3 Describe the structure and functions of an Ecosystem. **12M**
- OR**
- 4 a Define food chain. Write its types. **6M**
b Explain the structure and functional components of forest ecosystem. **6M**

UNIT-III

- 5 a Define hotspot of bio diversity. **6M**
b Which are the hotspots found in India? Discuss their salient Features. **6M**
- OR**
- 6 Give a brief account on
a Endangered species **6M**
b Endemic species **6M**

UNIT-IV

- 7 Define Air pollution. Explain its causes, effects and control measures of air pollution. **12M**
- OR**
- 8 a What is solid waste management? Explain its causes and effects. **6M**
b Write a short note on control measures of solid waste management. **6M**

UNIT-V

- 9 Discuss briefly about sustainable development. **12M**
- OR**
- 10 Describe your recent visit to any industrial site and explain the impact of pollutants emitted on environment and discuss the various measures to control the pollution levels. **12M**

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