

R09

Code No: 54004

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B.Tech II Year II Semester Examinations, December - 2018

ENVIRONMENTAL STUDIES
(Common to CE, CSE, EIE, IT, PTM)

Time: 3 hours

Max. Marks: 75

Answer any five questions
All questions carry equal marks

- 1.a) Explain the structure of an ecosystem.
b) Describe ecological pyramids. [9+6]
- 2.a) Write the benefits and problems associated with dams.
b) Write the use of solar energy as an alternative energy resource. Write the merits. [9+6]
- 3.a) Define the term biodiversity. What are the values of biodiversity?
b) What are the threats to biodiversity? [9+6]
- 4.a) Distinguish between primary and secondary air pollutants.
b) What are occupational health hazards? Describe. [6+9]
- 5.a) Write the causes and impacts of global warming.
b) Write about Montreal Protocol. [12+3]
- 6.a) What is EIA? How is it accomplished?
b) Describe rain water harvesting. [9+6]
7. Write the salient features of Environmental Protection Act. [15]
- 8.a) "Only if we take care of nature, nature will take care of us". Explain.
b) What are green buildings? [12+3]

---ooOoo---