

**Code No: 54004****JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****B. Tech II Year II Semester Examinations, November/December - 2020****ENVIRONMENTAL STUDIES****(Common to CE, CSE, IT)****Time: 2 hours****Max. Marks: 75****Answer any five questions  
All questions carry equal marks**

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1. Define an ecosystem. With the help of pond ecosystem, explain the different components of the ecosystem and their function in the ecosystem. [15]
2. What are droughts? Briefly explain the types of drought and their interrelation. [15]
3. What are the objectives of conservation of biodiversity? State some of the major factors leading to loss of biodiversity. [15]
4. Define hazardous waste. Mention the sources of hazardous waste. Explain the methods which are suitable for the disposal of hazardous waste. [15]
5. What is earth summit? Discuss about Kyoto protocol and its objectives. [15]
6. Define EIS. Discuss how direct and indirect impacts are likely to occur for a typical land clearing and road construction activity. [15]
7. What is hazardous waste? Explain the importance of proper management and handling rules of hazardous wastes to avoid manmade disasters. [15]
8. What are green buildings? Discuss the significance of green building in achieving the goals of sustainability. [15]

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