

**R16**

Code No: 138GF

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year II Semester Examinations, September - 2020

**INDUSTRIAL SAFETY, HEALTH, AND ENVIRONMENTAL ENGINEERING**

(Common to CE, ECE, AE)

Time: 2 Hours

Max. Marks: 75

Answer any Five Questions  
All Questions Carry Equal Marks

---

1. Discuss the provisions given in the factories act, 1948 related to hazardous processes. [15]
2. Discuss about Biomedical waste management and handling Rules, 1989. [15]
3. Explain about Batteries management and Handling Rules, 2001. [15]
4. Explain the salient features of "Manufacture, Storage and Import of Hazardous Chemical Rules, 1989". [15]
5. Discuss about safety reports and safety data sheets related to hazardous chemicals. [15]
6. Explain the importance of "building and other construction workers act 1996"? [15]
7. Describe the "Indian Boiler Act". [15]
8. Explain about the following: [7+8]
  - a) OSHAS 18000
  - b) Occupational safety

---ooOoo---