

**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 EEE, CSE, IT)**

**Time: 2 Hours****Max. Marks: 75**

**Answer any Five Questions**  
**All Questions Carry Equal Marks**

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1. Explain the provisions given in the factories act related to employment of young persons. [15]
2. Discuss about prevention and control of air and water pollution. [15]
- 3.a) Define noise pollution. Explain the main sources of noise pollution.  
b) Explain about the noise pollution regulation and control rules, 2000. [7+8]
4. Explain about preparation of offsite and onsite plans related to “Manufacture, Storage and Import of Hazardous Chemicals”. [15]
5. Discuss the duties of authorities and responsibilities of occupier related to storage and handling of hazardous chemicals. [15]
6. Discuss the Petroleum and gas cylinder rules. [15]
7. Describe the static and mobile pressure vessel rules. [15]
8. Explain the health and safety work act (HASAWA 1974, UK). [15]

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