Code No: 138GF **R16**

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
- - -

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]

---ooOoo---

JNTUH USED PAPER SEP-2020