

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, May 2018

Program: B. Tech -FSE

Subject (Course): Legal Aspects of Safety Health & Environment

Course Code : FSEG 332

No. of page/s: 2

Semester – VI

Max. Marks: 100

Duration: 3 Hrs

Section A

Answer all the questions:

4 * 5 = 20

Marks

1. Define the following terms
 - a) 'Building worker' as per BOCW act.
 - b) 'Environment' as per Environmental Protection Act.
 - c) Industrial dispute.
 - d) 'Factory' as per Factories Act 1948.
 - e) 'Pressure vessel' as per SMPV rules 2016.
2. Discuss the functions of central and state pollution control boards.
3. Enlist the schedules of factories act and employee compensation act.
4. How explosives are classified as per Explosive Rules 2008?

Section B

Answer all the questions:

5 * 8 = 40 Marks

5. Discuss the applicability of BOCW Act to those premises which are registered under the Factories Act, 1948.
6. Identify the electrical related safety requirements to be followed in petroleum refining or loading/ unloading areas as per Petroleum Rules 2002.
7. Discuss the object and salient features of Environment (Protection Act) 1986.
8. Explain the periodic testing requirements of pressure vessels in service as per Static and Mobile Pressure Vessels (Unfired) Rules, 2016.
9. Describe the manifest system for hazardous and other waste to be used within the country as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

Section C

Answer all the questions:

2 *20 = 40 Marks

10. a. Discuss the various forms that the principal employer and contracts needs to maintain as per Contract Labour Central Rules. [10]
- b 1. Summarize the provisions related to wages as per Minimum Wages and Contract Labour act [10]
- or
- b 2. Enlist the duties of contractor as per Inter-State Migrant Workmen Act/Central rules. [10]
11. You have recently been employed in a manufacturing company. You are observing repeated violations of gas cylinder safety requirements. Prepare a report that needs to be submitted to plant head outlining legal requirements that the company shall to be taken into account and where the company is currently failing. In the report also design a program that you will implement to improve the gas cylinder storage and handling safety, covering the steps required to address the current issues relating handling and storage of gas cylinders within the organization. [10+10]