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## UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination (Supplementary), July 2018

Program: M. Tech HSE & HSE- DM

Semester – I

Subject (Course): Statutory Rules & Regulation

Max. Marks: 100

Course Code : HSFS 7002

Duration: 3 Hrs

No. of page/s: 1

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### Section A

Answer all the questions:

10 \* 2 = 20

Marks

1. Define the following terms
  - a) 'Building worker' as per BOCW act.
  - b) 'Environment' as per Environmental Protection Act.
  - c) 'Pollution as per Environmental Protection Act.
  - d) 'Factory' as per Factories Act 1948.
  - e) Gratuity
  - f) 'Competent Person' as per Factories act
  - g) 'Class A' petroleum products
  - h) 'Pressure vessel' as per SMPV rules
  - i) 'Hazardous waste' as per Hazardous and other wastes management rules 2016
  - k) 'Young worker' as per Factories act

### Section B

Answer all the questions:

4 \* 10 = 40

Marks

2. Discuss the functions of central and state pollution control boards.
3. Enlist the main features of workmen's Compensation Act.
4. Identify the electrical related safety requirements to be followed in petroleum refining or loading/ unloading areas as per Petroleum Act/Rules.
5. What are objectives of National Green Tribunal Act 2010?

### Section C

Answer all the questions:

2 \*20 = 40 Marks

1. Discuss the object and salient features of Environment (Protection Act) 1986.
2. 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]