

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
END SEM EXAMINATION, DEC, 2017
Programme: M. Tech HSE + DM (Sem-1)
Subject: Statutory Rules and Regulations
Code: MEEG811

Max Marks: 100

Duration: 3 Hours

Students should attempt all the four parts A,B,C,D

Part A (10 Marks) (Any 5)(1)

Q. 1. Explain / Fill up the blanks / say: Yes/No.

- i. Under which law the effluents are to be rendered innocuous
- ii. Which rules govern E-wastes
- iii. Radiological hazards are covered under Act,.....
- iv. State Board is to make application to under section of Act, 1981 for restraining persons from causing air pollution.
- v. Pollution of sea by oil is covered under
- vi. Which law gives relief or compensation or damages in case of death/injury resulting from any operation/Process in industry.

Part A (10 Marks) (Any 5) (2)

Q. 2. Explain/Answer the following

- i. Which Act governs safety in mines?
- ii. Which is the law for safety of construction workers?
- iii. Define Emission as per Air. Prevention and control of pollution Act, 1981.
- iv. What is a hazardous substance? Which rules deal with such substances?
- v. Which are occupational diseases and where those have been listed.
- vi. When smoke is injurious to health and physical comfort of community, where the application to stop the said nuisance can be moved.

Part B (40 Marks) (Any 4)

Q. 3.

- i. Explain any 12 measures regarding safety in petroleum industry.
- ii.
 - a) what are objectives of National Green Tribunal Act, 2010.
 - b) Under which 7 laws the said Tribunal settles disputes?
- iii.
 - a. What is gratuity
 - b. How gratuity is calculated

- c. Under what circumstances gratuity can be forfeited.
- iv.
 - a) What are objectives of Environment (Protection) Act, 1986.
 - b) Define “Environment” and environment pollutant
 - c) Which matters are covered under section 5 of Provident Fund Act of 1952 pertaining to employees Provident Fund schemes?
- v. Gives main features of workmen’s Compensation Act, 1923.

OR

Employees state insurance Act, 1948

Part C (40 Marks)

Q. 4.

- i. Explain the supreme court judgement regarding dumping of Hazardous Wastes – Research Foundation for science Technology National Resource Policy
- ii. What is principle of sustainable development as enunciated by supreme court of India in the case of Vellore citizens welfare forum
- iii. Explain the supreme court Judgement with regards to compensation for death as per workmen’s compensation Act, 1923.

Versus

Union of India

(2005) 10 Supreme Court cases 510

Versus

Union of India

(1996) 5 supreme court cases 647

Malikarjuna G. Hiremath

Versus

Branch Manager, Oriental Insurance Company Ltd (2009) 2 Supreme Court Case 169

- iv. What are the observations of supreme court of India for setting up Nuclear Power Plants in India in the following Judgement

G. Sundarrajan

Versus

Union of India

(2013) 6 Supreme Court Cases 620