

B. Tech Degree VIII Semester Examination, May 2006

SE 803 LEGAL ASPECTS OF SAFETY

(Prior to 2002 Admissions)

Time : 3 Hours

Maximum Marks : 100

- I. Discuss the evolution of factories legislation in India. (20)
- OR**
- II. (a) Briefly state the stages of development of safety concept in industries. (10)
(b) Explain the evolution of National Safety Council of India. What are its objectives and organizational structure? (10)
- III. Discuss the health provisions in the Factories Act, 1948. (20)
- OR**
- IV. (a) Define 'young person', 'hazardous process' 'factory', 'occupier' and 'relay' as per the Factories Act. (5 x 2 =10)
(b) What are the safety precautions in confined space? (5)
(c) What is notifiable accident? When is inquiry mandatory? Who has to conduct such an inquiry as per the Factories Act? (5)
- V. (a) How do you calculate the amount of compensation under the Workmen's Compensation Act? (15)
(b) What are the objectives of the Contract Labour Act? (5)
- OR**
- VI. (a) Define 'employee', 'insured person', 'exempted employee', 'permanent total disablement' and 'sickness' as per the ESI Act. (5 x 2 =10)
(b) Explain the "maternity benefit" as per the ESI Rules? (10)
- VII. (a) What are the safety rules prescribed regarding overhead electric lines. (12)
(b) Explain the provisions in the Explosives Act regarding inquiry into 'more serious' accidents. (8)
- OR**
- VIII. What are the rules prescribed in the Central Motor Vehicles Rules regarding transportation of hazardous goods on road. (20)
- IX. (a) Define 'pollution', 'outlet', 'stream', 'new discharge', and 'trade effluent' as per the Water Act. (5 x 2 =10)
(b) What are the functions of State Pollution Control Boards under the Above Act? (10)
- OR**
- X. (a) What are 'air pollutant', 'air pollution', 'approved fuel', 'approved appliance' and 'emission', as per the Air Act? (5 x 2 =10)
(b) Explain the power of central government to give directions of closure etc as per the E.P.Act. (5)
(c) Write short note on "Road Safety Councils and Committees". (5)

