

B. Tech Degree VIII Semester Examination, April 2009

SE 803 LEGAL ASPECTS OF SAFETY (1999 Scheme)

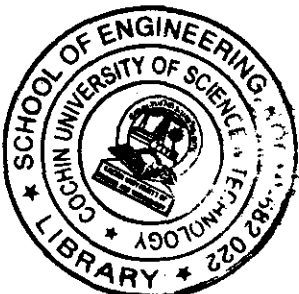
Time : 3 Hours

Maximum Marks : 100

- I. Discuss the history of safety movement with special reference to India. (20)
- OR**
- II. Discuss the following : (20)
- (i) Genesis and development of ILO
 - (ii) Creation and activities of OSHA
- III. (a) What are the notifiable accidents and dangerous occurrences as per the Factories Act, 1948? (5)
- (b) Mention the legal provisions relating to confined space in factories. (5)
- (c) Discuss the obligations of workers and penal provisions for contravention under section III and 97 of the Act. (5)
- (d) Discuss the provisions regarding compulsory disclosure of information by the occupier in the Act. (5)
- OR**
- IV. (a) Define 'hazardous process' in the context of the Factories Act. Briefly state the specific provisions regarding factories involving hazardous processes as per the Amendment Act of 1987. (10)
- (b) Define 'competent person' as per the Factories Act. Briefly discuss the provisions in the Act regarding safety of lifting machines, chains, ropes and lifting tackles. (10)
- V. (a) Define 'contract labour' as per the Contract Labour Act. Discuss the welfare and health provisions in the Act. (10)
- (b) Enumerate the compensations for death and various disablements under Workmen's Compensation Act. (10)
- OR**
- VI. (a) Explain the circumstances in which the defence of 'common employment' is barred under the Employer's Liability Act. Explain what you mean by 'contracting out'. (10)
- (b) What do you mean by 'PANCH DEEP' in the context of Employees' State Insurance? What is standard benefit rate in ESI Rules? Discuss the maternity benefit provided in ESI Rules. (10)
- VII. (a) Discuss the safety provisions regarding overhead lines in the Indian Electricity Rules. (10)
- (b) Define 'pressure vessel' and 'compressed gas' as per the SMPV Rules, 1981. What are the general safety provisions regarding pressure vessels? (10)

OR

(Turn Over)



- VIII. (a) Discuss the following with regard to transportation of hazardous goods by road :
- (i) Driver's qualification and training
 - (ii) Responsibility of the transporter and owner of goods
 - (iii) Emergency Information Panel.
 - (iv) TREM Card. (4 x 2 ½ = 10)
- (b) Define 'Petroleum' as per the Petroleum Act and distinguish the various classes of petroleum. What is 'flash point'? Explain the provisions in the Act where license is not required for import, export and storage of petroleum class A, B and C. (10)
- IX. (a) Discuss the requirement of "consent to establish" as laid down in Water Act and Air Act. (10)
- (b) Enumerate the powers of Central Government to take measures to protect and improve environment as laid down in the Environment (Protection) Act, 1986. (10)
- OR**
- X. (a) Define with reference to Environment (Protection) Act, 1986 :
- (i) Environment
 - (ii) Environmental pollutant
 - (iii) Environmental pollution
 - (iv) Hazardous substance (10)
- (b) Explain the back ground of Air Act, 1981. Define the terms "air pollutant", "approved appliance", "emission" and "approved fuel" as per this Act. (10)
