

BTS 174(F)

**B.Tech. Degree VIII Semester (Supplementary) Examination  
in Safety and Fire Engineering  
October 2002**

**SE 801 LEGAL ASPECTS OF SAFETY**

Time: 3 Hours

Maximum Marks: 100



- I. (a) Trace the development of safety movement highlighting its distinct stages. (10)
- (b) What are its impact over the industrial development? (10)
- OR**
- II. (a) Explain the influence of International Labour Organisation (I.L.O.) over its member countries in enacting statutes for ensuring health and safety of industrial workers. (10)
- (b) Trace the legislative history of OSHA. (10)
- III. (a) What are the salient features of the FACTORIES ACT 1948? (10)
- (b) Discuss the various provisions relating to health as laid down in Chapter III of Factories Act 1948. (10)
- OR**
- IV. (a) Write short notes on any five of the following terms as interpreted in the Factories Act 1948. (10)
- (i) "Worker"
  - (ii) "Occupier"
  - (iii) "Manufacturing process"
  - (iv) "Child"
  - (v) "Adolescent"
  - (vi) "Adult"
  - (vii) "Young Person"
  - (viii) "Factory"
  - (ix) "Power"
  - (x) "Prime mover"

(Turn over)

- IV. (b) What are the provisions of welfare of industrial workers provided in Factories Act 1948? (10)
- V (a) Discuss the salient features of Workmen's Compensation Act 1923. (10)
- (b) Write short notes on any five of the following with reference to Employees' State Insurance Act 1948.
- (i) "Dependant"
  - (ii) "Employee"
  - (iii) "Employment Injury"
  - (iv) "Exempted Employee"
  - (v) "Immediate Employer"
  - (vi) "Principal Employer"
  - (vii) "Seasonal Factory"
  - (viii) "Temporary Disablement"
  - (ix) "Sickness"
  - (x) "Permanent Partial Disablement" (10)
- OR
- VI (a) Briefly discuss the general features of Contract Labour (Regulation and Abolition) Act 1970. (10)
- (b) Discuss the determinants of compensation as per the Workmen's Compensation Act 1923. (10)
- VII (a) What are the main features of the Indian Explosives Act 1884 as amended in 1978 and 1984? (10)
- (b) Discuss the salient features of the Indian Electricity Act 1910. (10)

OR

Contd.....3.

- VIII (a) List out the important statutory requirements under the Petroleum Act 1934. (10)
- (b) What are the functions of the Dock Labour Board as per Section 5 (a) of the Dock Workers (Regulation of Employment) Act 1948? (10)
- IX (a) What are the provisions in the Environment (Protection) Act) 1986 for prevention, control and abatement of Environmental Pollution? (10)
- (b) What are the functions of the Pollution Control Board? (10)
- OR
- X (a) What are the legislative measures for controlling automobile emission as laid down in the Motor Vehicle Act 1998? (10)
- (b) Explain the definitions of any five of the following terms as given in the Water (Prevention and Control of Pollution) Act 1974.
- (i) Occupier in relation to a factory or premises
  - (ii) Outlet
  - (iii) Pollution
  - (iv) Sewage effluent
  - (v) Sewer
  - (vi) Stream
  - (vii) Trade effluent
  - (viii) prohibition of use of stream or well for disposal of polluting matter as laid down in Sec. 24
  - (ix) Emergency measures to be taken in case of pollution of stream or well as per Sec. 32
  - (x) Restrictions on new outlets and new discharges as laid down in Sec. 25. (10)

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