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10MN74

# Seventh Semester B.E. Degree Examination, June/July 2019
## Mine Legislation

Time: 3 hrs. Max. Marks:100

**Note:** ***Answer any FIVE full questions, selecting atleast TWO questions from each part.***

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.

### PART – A

1 a. Explain the early stage of mining operation in Indian mining. **(10 Marks)**

b. Explain the major recommendation between the world war in the coal field in mining. **(10 Marks)**

2 a. Explain the following as per Mine Act 1952:

(i) Inspectors **(05 Marks)**

(ii) Certifying surgeons **(05 Marks)**

b. Explain the provisions to health and safety in the mining industry. **(10 Marks)**

3 a. Explain the hours and limitations of employment as per Mine Act 1952. **(10 Marks)**

b. Explain the leave with wages of employment as per mine act 1952. **(10 Marks)**

4 a. Explain workmen's inspector and his duties. **(10 Marks)**

b. Explain the following :

(i) Pit-safety committee

(ii) First-aid and medical appliance in the mining industries. **(10 Marks)**

### PART – B

5 a. Explain the duties and responsibilities of workmen as per M.M.R. 1961. **(10 Marks)**

b. Explain the duties and responsibilities of mine manager as per M.M.R. 1961. **(10 Marks)**

6 a. Explain the precaution against dangers from fire of surface as well as underground in mines. **(10 Marks)**

b. Explain precaution against dangers from underground mine water. **(10 Marks)**

7 Explain as per Crèche rule 1966 the following :

(i) Provision of Crèches **(07 Marks)**

(ii) Standards of Crèches **(08 Marks)**

(iii) Medical arrangements of Crèches **(05 Marks)**

8 Explain as per Maternity benefits Act 1961 the following :

(i) Employment of women prohibited during certain periods **(06 Marks)**

(ii) Right to payment of maternity benefits **(05 Marks)**

(iii) Leave for miscarriage **(04 Marks)**

(iv) Prohibited to unmarried and widows in case of conceived. **(05 Marks)**

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