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## Eighth Semester B.E. Degree Examination, June/July 2023

### Mine Legislation

Time: 3 hrs.

Max. Marks: 100

*Note: Answer any FIVE full questions, choosing ONE full question from each module.*

#### Module-1

- 1 a. Define the following terminologies as per Mines Act 1952:  
(i) Reportable injury (ii) Serious bodily injury  
(iii) Agent (iv) District magistrate (10 Marks)  
b. Explain committee with its composition and functions. (10 Marks)

OR

- 2 a. Explain notice of accident as per Mines Act 1952. (10 Marks)  
b. Explain hours and limitations for employment in the mines. (10 Marks)

#### Module-2

- 3 a. Explain certifying surgeons as per Mine Rules 1955. (10 Marks)  
b. Describe first aid room and first aid station. (10 Marks)

OR

- 4 a. Explain drinking water and latrine provisions in the mines. (10 Marks)  
b. Explain workmen inspector with his duties and responsibilities. (10 Marks)

#### Module-3

- 5 a. Define the terminologies :  
(i) Competent person  
(ii) Auxiliary fan.  
(iii) Bellman  
(iv) Banksman (10 Marks)  
b. Describe the duties and responsibilities of manager as per CMR, 2017. (10 Marks)

OR

- 6 a. Explain the types of plans and sections as per MMR, 1961. (10 Marks)  
b. Explain storage and transportation of explosives in the mine. (10 Marks)

#### Module-4

- 7 a. Describe general restrictions on undertaking prospecting and mining operation. (10 Marks)  
b. Write the procedure for obtaining prospecting licence or mining lease as per MMDR, 1957. (10 Marks)

OR

- 8 a. What are the special powers of central government to undertake prospecting operations in certain cases? (10 Marks)  
b. Explain the salient provisions to the mines under MCDR. (10 Marks)

**Module-5**

- 9 a. Explain the standard and staff of the crèche in mines. (10 Marks)  
b. Explain various benefit provisions for women under Maternity Benefit Act. (10 Marks)

**OR**

- 10 a. Explain voltage limits in mines as per IER. (10 Marks)  
b. Explain pension scheme under Coal Mines Provident Fund Act. (10 Marks)

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