

CBCS SCHEME

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Subject Code

Eighth Semester B.E. Degree Examination, Aug./Sept.2020 **Model Question Paper**

Time: 3 hrs.

Max. Marks: 80

- Note: i) For Regular Students: Answer any FIVE full questions irrespective of modules.
ii) For Arrear Students : Answer any FIVE full questions, choosing ONE full question from each module.*

Module-1

- 1 a. Define reportable injury and serious bodily injury. Explain composition of the committee as per power mines Act 1952. (08 Marks)
b. Define certifying surgeon and explain provisions of drinking water and conservancy as per mines Act 1952. (08 Marks)
- 2 a. Explain hours of above ground employees and below ground employees. (08 Marks)
b. Explain penalties and procedure for notice of accidents and failure to appoint a manger. (08 Marks)

Module-2

- 3 a. Define calendar year, financial year, and name the various forms which are appended in mine rules 1955. (08 Marks)
b. Explain initial medical examination and periodical medical examination. (08 Marks)
- 4 a. Explain first aid room and first aid station as per mine rules 1955. (08 Marks)
b. Explain pit safety committee and its composition. (08 Marks)

Module-3

- 5 a. Define the following terminologies as per MMR 1961/CMR 2017.
i) Competent person ii) Face iii) Banksman iv) Misfire. (08 Marks)
b. Explain notice of opening, quarterly returns and annual returns. (08 Marks)
- 6 a. Explain duties and responsibilities of manager as per MMR 1961/CMR 2017. (08 Marks)
b. Explain various plans and section as per MMR1961/CMR 2017. (08 Marks)

Module-4

- 7 a. Explain general restrictions on undertaking prospecting and mining operation. (16 Marks)
- 8 a. Explain procedure for obtaining prospecting license as per MMDR Act 1957. (16 Marks)

Module-5

- 9 a. Explain standards of crèches as per crèche rules, 1966. (08 Marks)
b. Explain right to payment of maternity benefit as per maternity benefit Act. (08 Marks)

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.

- 10 a. Explain supply and use of electrical energy in Indian mines. (08 Marks)
b. Explain coal mines provident fund scheme as per coal mines provident fund Act. 1948. (08 Marks)

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