

Roll No .....

**MI - 503****B.E. V Semester**

Examination, June 2015

**Mining Legislation and Safety - I****Time : Three Hours "****Maximum Marks : 70**

**Note:** i) Answer five questions. In each question part A, B, C is compulsory and D part has internal choice.

ii) All parts of each questions are to be attempted at one place.

iii) All questions carry equal marks, out of which part A and B (Max.50 words) carry 2 marks, part C (Max.100 words) carry 3 marks, part D (Max.400 words) carry 7 marks.

iv) Except numericals, Derivation, Design and Drawing etc.

**Unit - I**

1. a) Define Opencast working as per Mines Act.
- b) Define Reportable injury as per Mines Act.
- c) Define mine as per Mines Act.
- d) Describe the salient features of Mines Act.

Or

Give the provisions for Power of Central Government to make rules as per Mines Act.

**Unit - II**

2. a) Define ordinarily employed as per mines rules.
- b) Give the provisions for initial and periodical medical examination for persons employed in mines.
- c) Give the provisions for rest shelters in mines.
- d) What is safety committee? Give the composition of safety committee and its function.

Or

Write the statutory provisions regarding appointment and duties of Workman's inspector?

**Unit - III**

3. a) Define Gassy seam of the second degree.
- b) Define Flame proof apparatus.
- c) Write the provisions for Workings under railways and roads etc.
- d) Briefly state the provisions of the CMR, 1957 regarding Qualification and appointment of managers.

Or

Briefly state the provisions of the CMR, 1957 regarding systematic support rules.

**Unit - IV**

4. a) Define Average output.
- b) Define competent person.
- c) Give the list of Shaft fittings.
- d) State the provisions of regulation as per MMR regarding precautions against dust.

Or

State the provisions of regulation as per MMR regarding opencast workings.

**Unit - V**

5. a) Give the Provisions of creches.
- b) Give the Provision of Standards for creches.
- c) Amenities to be provided at creches.
- d) Discuss the applicability of MVTR-1966 to the different categories of the Mine employees.

Or

Write in details the facilities or arrangements to be provided at vocational training centre.

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