



C20-MNG-502

7662

BOARD DIPLOMA EXAMINATION, (C-20)

OCTOBER / NOVEMBER—2023

DMNG – FIFTH SEMESTER EXAMINATION

MINE LEGISLATION AND SAFTEY

Time : 3 Hours]

[Total Marks : 80

PART—A

3×10=30

- Instructions :** (1) Answer **all** questions.
(2) Each question carries **three** marks.
(3) Answers should be brief and straight to the point and shall not exceed five simple sentences.

1. Define the terms (a) serious bodily injury and (b) chief inspector.
2. Define the terms (a) calender year and (b) court of enquiry.
3. List any there rules related to first aid.
4. Define the terms (a) competent person and (b) mine foremen.
5. List any three provisions related to workings under railways.
6. List any three provisions related to inspections before shot firing.
7. Define the terms (a) mining lease and (b) minor mineral as per MMDR Act, 1957.
8. Define the terms (a) prospecting license and (b) reconnaissance permit.
9. Define the terms (a) unsafe conditions and (b) safety awareness.
10. List any three provisions related to strike.

- Instructions :** (1) Answer **all** questions.
(2) Each question carries **eight** marks.
(3) Answers should be comprehensive and criterion for valuation is the content but not the length of the answer.

- 11.** (a) List the Provisions related to hours and limitations of employment above ground, as per CMR 2017.

(OR)

- (b) List the provisions related to the drinking water, as per CMR 2017.

- 12.** (a) List the provisions related to dangers from underground inundation and intentional flooding under CMR 2017.

(OR)

- (b) List the provisions related to precaution against dust under CMR 2017.

- 13.** (a) List the provisions related to underground precautions against fire, as per CMR 2017.

(OR)

- (b) List the provisions related to equipment and precautions for fire fighting under CMR 2017.

- 14.** (a) List the provisions related to the application for reconnaissance permit, as per mineral concession rules, 1960.

(OR)

- (b) List the provisions related to renewal of mining lease, as per mineral concession rules, 1960.

- 15.** (a) State the various causes and adverse effects of Industrial Dispute and list the various provisions of Industrial Dispute Act.

(OR)

- (b) Explain the need of vocational training to promote safety.

PART—C

10×1=10

- Instructions :** (1) Answer the following question.
(2) The question carries **ten** marks.
(3) Answer should be comprehensive and the criterion for valuation is the content but not the length of the answer.

- 16.** List the provisions related to Development and Depillaring under CMR 2017.

★★★