



C14-MNG-603

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BOARD DIPLOMA EXAMINATION, (C-14)

MARCH/APRIL—2018

DMNG—SIXTH SEMESTER EXAMINATION

MINE MANAGEMENT AND ENTREPRENEURSHIP

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. List different types of ownership of industries with reference to mining industry.
2. Define the term 'margin of safety'.
3. List the terminology used in break-even analysis.
4. Define the term 'strike'.
5. List various provisions of the ID Act.
6. Define the term 'quality system'.
7. Define the six-sigma method of quality management.
8. Define the term 'recruitment'.
9. Define the predecessor event.
10. State the objectives of network analysis.

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**PART—B**

10×5=50

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

- 11.** Draw the organization chart of a mechanized open-cast mine.
- 12.** Explain communication process.
- 13.** Explain the Maslow's theory of motivation.
- 14.** Explain court of enquiry.
- 15.** Discuss ISO standards and list the constituents of ISO 9000 series of quality systems.
- 16.** State the essential qualification of persons recruited in mines under various categories.
- 17.** Differentiate between PERT and CPM.
- 18.** A project has the following nine activities. The expected time of each activity is given below :

<i>Activity</i>	1-2	1-3	1-4	2-5	3-5	3-6	4-6	5-7	6-7
<i>Expected time</i>	5	4	7	6	10	7	8	5	6

- (a) Draw the project network.
- (b) Identify the critical path.
- (c) Find the project duration.

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