



C-16-MNG-106

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**BOARD DIPLOMA SUPPLEMENTARY (INSTANT)
EXAMINATION, (C-16)**

JUNE - 2019

**DMNG - FIRST YEAR EXAMINATION
MINING GEOLOGY - I**

Time : 3 Hours]

[Total Marks : 80

PART - A

2×15=30

- Instructions :**
- (1) Answer any 15 questions.
 - (2) Each question carries 2 marks.
 - (3) Answer should be brief and straight to the point and shall not exceed five simple sentences.

- 1 Write a short note on Scope of Geology.
- 2 Define the term Economic Geology.
- 3 Name the important methods to determine the age of the earth.
- 4 Define the term Physical Geology.
- 5 Write a short note on Earthquake waves propagation.
- 6 List the classification of Volcanoes.
- 7 Define the term Earthquake.
- 8 Define the terms (i) Attrition (ii) Abrasion.
- 9 List the important minerals of Pyroxene family.

5049]

1

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- 10 Write any TWO industrial uses of the following minerals :
(i) Corundum (ii) Diamond.
- 11 Define the term Mineral.
- 12 Write a short note on Fracture of a Mineral.
- 13 Define the term Metamorphism.
- 14 Define the term Texture.
- 15 List any FOUR important Igneous rocks.
- 16 Write a short note on Conglomerate.
- 17 Define the term Fault and list the parts of a Fault.
- 18 Define the term Unconformity.
- 19 Write a short note on Overlap.
- 20 Define the term Structural Geology.

PART - B

10×5=50

Instructions :

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

- 21 Explain the geological work of Wind with neat sketches.
- 22 Explain the Nebular hypothesis of Kant and Laplace.

- 23 Write an essay on Physical properties of a Mineral.
 - 24 Explain the industrial uses of any FIVE metallic minerals.
 - 25 Explain the classification of Sedimentary rocks.
 - 26 Write an essay on Textures of Igneous rocks.
 - 27 Explain the different kinds of Unconformities with neat sketches.
 - 28 Write an essay on Classification of Folds.
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