



C16-MNG-106

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BOARD DIPLOMA EXAMINATION, (C-16)
OCTOBER/NOVEMBER-2018
DMNG-FIRST YEAR EXAMINATION

MINING GEOLOGY-I

Time : 3 Hours]

[Total Marks: 80

PART-A

2X15=30

- Instructions :**
1. Answer **Any Fifteen** questions.
 2. Each question carries TWO marks.
 3. Answers should be brief and straight to the point and shall not exceed four simple sentences.

1. Define the term Physical Geology.
2. List any four branches of Geology.
3. Define the term Weathering.
4. Define the terms i) Denudation ii) Attrition.
5. Define the terms i) Magma ii) Vant.
6. Give the classification of volcanoes.
7. List any four causes of Earthquakes.
8. Name the important methods to determine the age of the earth.
9. List any four minerals of Olivine family.
10. Write a short note on Hardness.
11. Write any two industrial uses of the following minerals i) Graphite ii) Corundum.

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Contd.,

12. List any four minerals of Quartz family.
13. List the Textures of Igneous rocks.
14. Write a short on Conglomerate.
15. Write a short note on Limestone.
16. List any four sedimentary rocks.
17. List any four unconformities.
18. Write a short note on Overlap.
19. Define the term fold and list the parts of a fold.
20. Define the terms i) Bedding ii) Hade.

PART-B

10X5=50

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

21. Explain the Geological work of a wind with neat sketches.
22. Explain the internal structure of the earth with a neat sketch.
23. Explain the Physical properties of a Mineral.
24. State the occurrence and distribution of important minerals in India.
25. (a) List the concordant and discordant bodies of Igneous rocks.
(b) Explain any five forms of igneous rocks.
26. Explain the classification of sedimentary rocks.
27. (a) Define "Fault" and explain any four components (parts) of a fault with a neat sketch.
(b) Explain any two kinds of faults with neat sketches.
28. Write an essay on Unconformities in the field.
