



C14-MNG-306

4271

BOARD DIPLOMA EXAMINATION, (C-14)

MARCH / APRIL - 2019

DMNG - III SEMESTER EXAMINATION

MINING GEOLOGY - II

Time : 3 Hours]

[Total Marks : 80

PART - A

3×10=30

Instructions :

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

- 1 Write a short note on objectives of Stratigraphy.
- 2 List the Rock Units and its corresponding Time Units.
- 3 Define the terms : (i) Ore (ii) Gangue.
- 4 List the different process of mineralization.
- 5 Write a short note on Sedimentation process.
- 6 Write a short note on Gravity method of prospecting.
- 7 List the tools used in the field to locate the mineral deposits.
- 8 Define the term Geological prospecting.
- 9 List the Oil fields in India.
- 10 Write a short note on Bombay high.

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[Contd...

PART - B

10×5=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.

- 11 Explain the Geological Time Scale.
 - 12 Explain the Vindhyan Group with its mineral importance.
 - 13 Explain the Oxidation and Supergene enrichment process with suitable examples.
 - 14 Explain the Hydrothermal process of mineralization.
 - 15 Explain the Seismic method of prospecting.
 - 16 Explain the Electrical Resistivity prospecting method.
 - 17 Explain the origin, migration and accumulation of Petroleum.
 - 18 Explain the Drift theory of coal formation.
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