



C09-MNG-106

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BOARD DIPLOMA EXAMINATION, (C-09)
MARCH/APRIL—2018
DMNG—FIRST YEAR EXAMINATION
MINING GEOLOGY—I

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.

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1. Define the term 'Geology'
2. Define the term 'epicenter' of an earthquake.
3. Define the term 'physical geology'.
4. Define the terms (a) weathering and (b) erosion.
5. Write a short note on the mangampeta barites deposit of Andhra Pradesh.
6. Write a short note on the coal deposits of Telangana.
7. Define the term 'lacolith'.

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8. Name any five metamorphic rocks.
9. Draw the diagram of fault and name its parts.
10. Define local conformities.

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. Explain the origin of the earth with the help of figures.
12. Define the term 'volcano' and give the classification of volcanoes.
13. Write a short essay on the occurrence of minerals in AP.
14. Describe any five megascopic properties of minerals.
15. Describe the structures of the metamorphic rocks.
16. Describe the formations of (a) dolomite and (b) shale.
17. Describe the following with neat sketches :
- (a) Recumbent fold
 - (b) Box fold
 - (c) Anticline
 - (d) Syncline
18. Describe the primary structures of rocks.
