



C09-MNG-305

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**BOARD DIPLOMA EXAMINATION, (C-09)
MARCH/APRIL—2018
DMNG—THIRD 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) Answers should be brief and straight to the point and shall not exceed *five* simple sentences.

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1. Write a short note on minerals occur in Gondwana rock formations.
2. Write a short note on minerals occur in Dharwar rock formations.
3. Name the conditions required for the oxidation and supergene enrichment.
4. Define the placer deposits.
5. Define economic geology.
6. List different methods of the prospecting.
7. List the guides to locate mineral deposits in the field.

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8. Define ^{*} geophysical prospecting.
9. Write the physical constituents of coal.
10. Name the important oilfields of the world.

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 outline map of India and identify the equivalents of Cuddapah Super Group in India.
12. Explain the geological time scale.
13. Explain the following :
 - (a) Cavity filling deposition with suitable examples
 - (b) Replacement deposition with examples
14. Explain the mechanical concentration processes of mineral deposits.
15. Write an essay on various guides to locate mineral deposits.
16. Explain the remote sensing method and list the uses of it to mining industry.
17. Describe the structural features of coal seams.
18. Explain the migration and accumulation of petroleum.
