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**MI-403 (GS)**  
**B.E. IV Semester** Examination, June 2020  
**Grading System (GS)**  
**Geology - II**  
*Time : Three Hours*

**Maximum Marks : 70**

**Note:** i) Attempt any five questions.  
ii) All questions carry equal marks.

1. Describe palaeontological study of Gondwana fields.
2. What is stratigraphic correlation? Describe the principles of stratigraphic correlation.
3. Give two important Sedimentary Groups of India which do not contain fossils.
4. Write short notes on the following terms.
  - a) Vindhyan system and Cuddapah system
  - b) Theories related with the origin of coal
5. Describe various methods of geophysical explorations for mineral deposits, with suitable examples.
6. Explain elementary methods of geophysical prospecting.

OR

Give a detailed account of structural guides to ores.

7. Write down physical properties of following Non-metallic minerals and their industrial uses.
  - a) Talc
  - b) Corundum
  - c) Phosporite

OR

Describe the Cuddapah System of Andhra Pradesh. Give its economic significance.

8. Write a detailed note on petroleum deposits if India.

OR

Give a detailed account of copper ore deposit of malanjkhand.

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