

**BOARD OF INTERMEDIATE EDUCATION, A.P, HYDERABAD**

**MODEL QUESTION PAPER-GEOLOGY- II YEAR (W.E.F.2009-10)**

**Time: 3 Hours**

**Max.marks:100**

**Note:** Answer all questions

**Section – A**

**(4×15=60 marks)**

- I. What is structure? Describe various structures of sedimentary rocks.  
OR  
Define igneous rock. Write its classification.  
OR  
Describe the classification of metamorphic rocks.
- II. Write an essay on copper deposits of India.  
OR  
Describe the magnetic concentration of mineral deposition.  
OR  
Describe the origin, occurrence, distribution and uses of Iron ore deposits.
- III. Write an essay on physiographic divisions of India.  
OR  
Give the lithology and succession of Vindhyan system. Add a note on its economic importance.  
OR  
Describe the classification, age and economic importance of Deccan Traps.
- IV. What are fossils? Mention the different modes of preservation. Add a note on the uses of fossils.  
OR  
Describe in detail the classification and morphological characters of Brachiopoda.  
OR  
Write an essay on 'Trilobites'

**Section – B**

- V. Write short notes on any **two** of the following: (2×7 1/2 =15)  
a. Granite  
b. Marble  
c. Asbestos  
d. Coal
- VI. Write short notes on any two of the following: (2×7 1/2 =15)  
a. Glossopteris  
b. Nallamalai series  
c. Geological time scale  
d. Fossils of Shiwalik

**Section – C**

VII. Answer all the following questions. Choose the correct answer and write in answer book. (10×1=10 marks)

1. Bauxite is an ore mineral of \_\_\_\_\_
  - a. Aluminium
  - b. Gold
  - c. Manganese
2. Chemical composition of chalcopryrite is \_\_\_\_\_
  - a.  $\text{Fe}_2\text{O}_3$
  - b.  $\text{MnO}_2$
  - c.  $\text{CuFeS}_2$
3. Limestone is a \_\_\_\_\_ rock.
  - a. Metamorphic
  - b. Sedimentary
  - c. Igneous
4. Khondalite is \_\_\_\_\_ rock.
  - a. Metamorphic
  - b. Igneous
  - c. Sedimentary
5. Spirifer belongs to \_\_\_\_\_
  - a. Cephalopoda
  - b. Brachiopoda
  - c. Gastropoda.
6. The type area for cretaceous rock is \_\_\_\_\_
  - a. Cuddapah
  - b. Tiruchirapalli
  - c. Kutch
7. Dolomite is a \_\_\_\_\_ rock.
  - a. Igneous
  - b. Metamorphic
  - c. Sedimentary
8. Columnar joints are common in \_\_\_\_\_
  - a. Granite
  - b. Sandstone
  - c. Basalt
9. Quartzite consists of mainly \_\_\_\_\_ mineral.
  - a. Quartz
  - b. Calcite.
  - c. Garnet
10. Chemical composition of Diamond is \_\_\_\_\_
  - a.  $\text{CaCO}_3$
  - b. PbS
  - c. C

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