

**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.  $\text{PbS}$
  - c. C

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