

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 your 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. Fe_2O_3
 - b. MnO_2
 - c. $CuFeS_2$
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. $CaCO_3$
 - b. PbS
 - c. C
