



Government College (Autonomous), Rajamahendravaram

(Affiliated to Adikavi Nannaya University)

I B.Sc., GEOLOGY – (2018-19)

FIRST SEMESTER

Module-1(Physical Geology and Crystallography)

Model Question Paper

Time:3 Hrs.

Max.Marks:60

PART- A

Answer all the Questions. *Each Question carries 8 marks*

4 x 8 = 32M

1. A) What is Weathering? Explain various types of Weathering in rocks
or
B) Write an essay on the Origin of the earth
2. A) What are Glaciers ? Give an account of the geological action of glaciers?
or
B) Write an essay on the geological work of Rivers.
3. A) Describe the erosional and depositional features developed by winds
or
B) Write an essay on earthquakes
4. A) Describe the symmetry and forms of Galena Type?
Or
Write an essay on Twinning in Crystals

PART- B

Answer any Five Questions. *Each Question carries 5 marks*
20M

5 x 4 =

5. What are different branches of geology?
6. Karst topography
7. Pyroclastic material
8. Open and closed forms
9. Symmetry elements in orthorhombic system
10. Agents of erosion
11. Miller Indices
12. Interfacial angle

PART- C

Answer any **ALL** Questions. *Each Question carries 2 marks*

4 x 2 = 8M

13. Stalagmites
14. Sea wave
15. Give mineral examples of monoclinic system
16. Hexaoctahedron



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I B.Sc., GEOLOGY PRACTICALS – 2018-19

PRACTICAL MODEL QUESTION PAPER

At the End of I Semester

Time: 1 hour

Max.Marks: 50

- 1) Description of Symmetry elements and forms of the Normal Classes of crystal System (10Nos). 8X4=32
- 2) Geomorphology Models 1X8= 8
- 3) Record 10

50 Marks

