

B. Sc (GEOLOGY) CBCS**1st Year (Sem-I)****Question bank**

1. Identify 6 (SIX)—crystal models from the given crystal model list give their Crystal system, Symmetry elements and forms present with general symbol. $6 \times 2^{1/2} = 15M$

CUBIC SYSTEM:

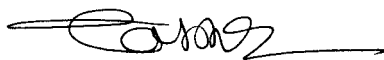
1. Cube
2. Octahedron
3. Dodecahedron
4. Cube and octahedron
5. Cube and dodecahedron
6. Tetra hexahedron
7. Octahedron and dodecahedron
8. Cube and Tetra Hexahedron
9. Trisoctahedron
10. Cube and Trisoctahedron
11. Trapezohedron
12. Octahedron and Trapezohedron
13. Hexaoctahedron
14. Cube, octahedron and dodecahedron

TETRAGONAL SYSTEM:

15. Prism and Pinacoid
16. Zircon
17. Tetragonal bipyramid
18. Diteragonal Prism and Basal Pinacoid
19. Prism and pyramid
20. Ditetragonal Pyramid

ORTHORHOMBIC SYSTEM:

21. Basal, Brachy and macro Pinacoids
22. Prism and basal Pinacoid
23. Bipyramid
24. Brachy pinacoid and macrodome.



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HEXAGONAL SYSTEM:

- 25. Prism and Basal pinacoid
- 26. Rhombohedron
- 27. Dihexagonal prism & pinacoid
- 28. Bipyramid
- 29. Scalenohedron
- 30. Dihexagonal pyramid

MONOCLINIC SYSTEM:

- 31. Combination of pinacoids
- 32. Prism
- 33. Gypsum
- 34. Hemi pyramid

TRICLINIC SYSTEM:

- 35. Hemi prisms
- 36. Axinite
- 37. Pinacoids

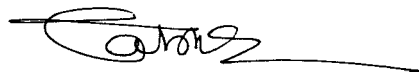
II. Identify and explain the Geomorphologic chart/ model from the list given below

1x5 = 5M

- 38. Glaciers
- 39. Rivers
- 40. Volcanoes
- 41. Hydrological cycle

III. Record

5 Marks



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