

Seat
No.

Set P

B.Sc. (Semester - V) (New) (CBCS) Examination Oct/Nov-2019
Geology (Special Paper - XII)
CRYSTALLOGRAPHY AND OPTICAL MINERALOGY

Day & Date: Friday, 11-10-2019
 Time: 11:30 AM To 02:00 PM

Max. Marks: 70

- Instructions:** 1) All questions are compulsory.
 2) Figures to the right indicate full marks.
 3) Draw neat labeled diagrams wherever necessary.

Q.1 Fill in the blanks by choosing correct alternatives given below.**14**

- 1) There are _____ elements of symmetry to describe any crystal.

a) 2	b) 3
c) 4	d) 1
- 2) Flat surface of a crystal is called as _____.

a) Face	b) edge
c) solid angle	d) corner
- 3) Two faces of a crystal meets to form an _____.

a) Corner	b) solid angle
c) Center	d) edge
- 4) Cube is _____ form.

a) Open	b) closed
c) Combination	d) twin
- 5) Basal pinacoid have _____ faces.

a) 4	b) 2
c) 6	d) 3
- 6) The solid angles are places for formation of _____ in cube.

a) prism	b) pinacoid
c) octahedron	d) dodecahedron
- 7) There are _____ faces to prism.

a) 3	b) 2
c) 4	d) 1
- 8) Thick & distinct border of the mineral shows difference in R.I. as _____ relief.

a) high	b) low
c) moderate	d) very low
- 9) Cleavages in Calcite under microscope shows _____ R.I. as compared to mineral body.

a) same	b) different
c) twinkling	d) rhombic
- 10) Measure of the bending of a ray of light when passing from one medium into another is _____.

a) refractive index	b) relief
c) colour	d) cleavage

