Week 2-Assessment 2

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment. Due on 2019-02-13, 23:59 IST.

1) How many equivalent points are there in point group “222”?

- 2 points
- 3 points
- 4 points
- 6 points

No, the answer is incorrect.
Score: 0
Accepted Answers: 4

2) Which Rotational symmetries are not possible?

- 5 points
- 3 points
- 7 points
- 4 points

No, the answer is incorrect.
Score: 0
Accepted Answers: 5, 7

3) Identify the crystal system, if the lattice parameters are as follows:

\[ a = 5.21, b = 7.21, c = 21.55, \alpha = 90, \beta = 101.24, \gamma = 90. \]

2 points
4) Identify the 2D point group belongs to the Rectangular lattice.  
- 4mm
- 6mm
- mm2
- 2

No, the answer is incorrect.

Score: 0

Accepted Answers:
- mm2

5) What are the possible point groups in Tetragonal systems?  
- 432
- 4
- 422
- 444

No, the answer is incorrect.

Score: 0

Accepted Answers:
- 4
- 422

6) Which rotational symmetries are not possible in three-dimensional classes?  
- 5
- 3
- 7
- 4

No, the answer is incorrect.

Score: 0

Accepted Answers:
- 5
- 7

7) How many total lattice types are possible three dimensions?  
- 7
- 32
- 14
- 6

No, the answer is incorrect.

Score: 0

Accepted Answers:
- 14