Week 7- Assignment 7

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment. Due on 2019-03-20, 23:59 IST.

1) Length of scattering vector depends on the wavelength
   - inversely
   - directly
   - independently
   - NOTA

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

2) Length of scattering vector is directly proportional with
   - $\cos \theta$
   - $\sin \theta$
   - $\tan \theta$
   - NOTA

No, the answer is incorrect.
Score: 0
Accepted Answers: $\sin \theta$

3) Find out the relationship of d spacing with $\sin \theta$ and $\lambda$
   - inversely and directly
   - both inversely
   - directly and inversely

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4) Identify the miller indices of the marked plane

- 1 2 3
- -1 -2 0
- 2 1 3
- 3 4 0

No, the answer is incorrect.
Score: 0
Accepted Answers:
- -1 -2 0

5) Identify the miller indices of the marked plane

- 1 1 1
- -1 0 0
- 0 1 0
- 0 2 0

No, the answer is incorrect.
Score: 0
Accepted Answers:
- -1 0 0

6) Identify the miller indices of the marked planes

- 1 1 1
- -1 0 0
- 0 1 0
- 0 2 0

Accepted Answers:
7) When writing the index for a set of symmetrically related planes, which type of brackets should be used?

- 3 1 2
- 2 1 0
- -1 0 -3
- -3 -2 1

No, the answer is incorrect.
Score: 0
Accepted Answers:
-3 -2 1

(Round)
(Curly)
<triangular>
[Square]

No, the answer is incorrect.
Score: 0
Accepted Answers:
{Curly}