## Courses » Symmetry and Structure in the Solid State

Announcements Course Ask a Question Progress FAQ

## Unit 15 - Structure Determination Methodologies 2

| Register for |
| :---: |
| Certification exam |

## Course outline

How to access
the portal

Basics of Symmetry 1 : Generation of
Point Groups

Basics of
Symmetry 2:
Detailed
Understanding
of 32 Point
Groups

Assignment of Point Groups to Crystal Systems and Bravais
Lattice

Basics of
Symmetry 4:
Space Group
Description And
Introduction to the International
Tables of
Crystallography(ITC-
Vol. A).

Correlation
Between
Symmetry
Diaarams and

## Week 11 - Assignment 11

The due date for submitting this assignment has passed.
As per our records you have not submitted this
Due on 2019-04-17, 23:59 IST. assignment.

1) Total number of Patterson peaks will generate for 4 atoms

2 points
04
9
16
No, the answer is incorrect.
Score: 0
Accepted Answers:
16
2) Identify the symmetry elements from Harker peaks $u 1 / 2 w$ and $0 v 0$

2 points$2_{1} \| b$ and $m \perp b$

- $2 \|$ b and b-glide $\perp c$
- $m \perp b$ and $c$-glide $\perp b$
- NOTA

No, the answer is incorrect.
Score: 0
Accepted Answers:
$2_{1} \| b$ and $m \perp b$
3) How the value of $\mathbf{B}$ will change with increasing temperature?

2 points
Decreases

- Increases

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