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NPTEL

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Courses » Symmetry and Structure in the Solid State

Announcements **Course** Ask a Question Progress FAQ

## Unit 1 - How to access the portal

Register for  
Certification exam

### Course outline

#### How to access the portal

- How to access the home page?
- How to access the course page?
- How to access the subjective assignments?
- Quiz : Week 0 Assessment

#### 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

## Week 0 Assessment

The due date for submitting this assignment has passed.

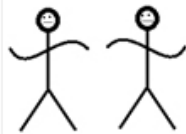
As per our records you have not submitted this assignment. **Due on 2019-02-04, 23:59 IST.**

NOTE

NOTA: None Of The Above.

1) Identify the symmetry elements in the figures given below

1 point



- 2-fold
- Inversion
- mirror
- NOTA

No, the answer is incorrect.

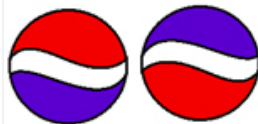
Score: 0

Accepted Answers:

mirror

2) Identify the symmetry elements in the figures given below

1 point



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In association with

NASSCOM®

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Vol. A).

Correlation  
Between  
Symmetry  
Diagrams and  
Equivalent Point  
Diagrams.

Special  
Positions and  
Introduction to  
Wyckoff  
Notations.

Interaction  
Session

Text Transcripts

Basics of X Ray  
Diffraction 1

Basics of X Ray  
Diffraction 2

Bragg's Law in  
Reciprocal  
Space

Structure  
Determination  
Methodologies 1

Structure  
Determination  
Methodologies 2

Powder  
Diffraction  
Method &  
Quantum  
Crystallography

ce De

No, the answer is incorrect.

Score: 0

Accepted Answers:

2-fold

3) Identify the symmetry elements in the figures given below

1 point



- 2-fold  
 Screw axis  
 mirror  
 NOTA



No, the answer is incorrect.

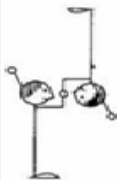
Score: 0

Accepted Answers:

mirror

4) Identify the symmetry elements in the figures given below

1 point



- 2-fold  
 Inversion  
 mirror  
 NOTA

No, the answer is incorrect.

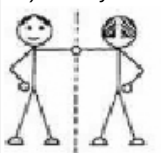
Score: 0

Accepted Answers:

Inversion

5) Identify the symmetry elements in the figures given below

1 point



- 2-fold  
 Inversion  
 mirror  
 NOTA

No, the answer is incorrect.

Score: 0

Accepted Answers:

2-fold

6) Identify the symmetry elements in the figures given below

1 point



- Translation
- Inversion
- Mirror
- NOTA

No, the answer is incorrect.

Score: 0

Accepted Answers:

Translation

Previous Page

End