Χ reviewer4@nptel.iitm.ac.in ▼ Courses » Introduction to Materials Science and Engineering **Announcements** Course Ask a Question **Progress** FAQ **Unit 13 - Week 10 -**Phase Transformations II + Mechanical Behaviour of **Materials I** Register for **Assignment 10 Certification exam** The due date for submitting this assignment has passed. Course As per our records you have not submitted this Due on 2019-04-10, 23:59 IST. outline assignment. How to access 1) The lattice of martensite is 1 point the portal body-centred cubic Supplementary face-centred cubic Materials simple tetragonal Week 1 body-centred tetragonal Crystallography No, the answer is incorrect. Score: 0 Week 2 -**Accepted Answers:** Crystallography II + Structure of body-centred tetragonal Solids I 2) In the given TTT diagram for a eutectoid steel, which of the cooling curves is/are expected 1 point to give tempered martensite as the final product? Week 3 -Structure of Solids II Week 4 -Structure of Solids III Week 5 - Defects in Crystalline Solids I Week 6 - Defects in Crystalline Solids II Week 7 - Phase

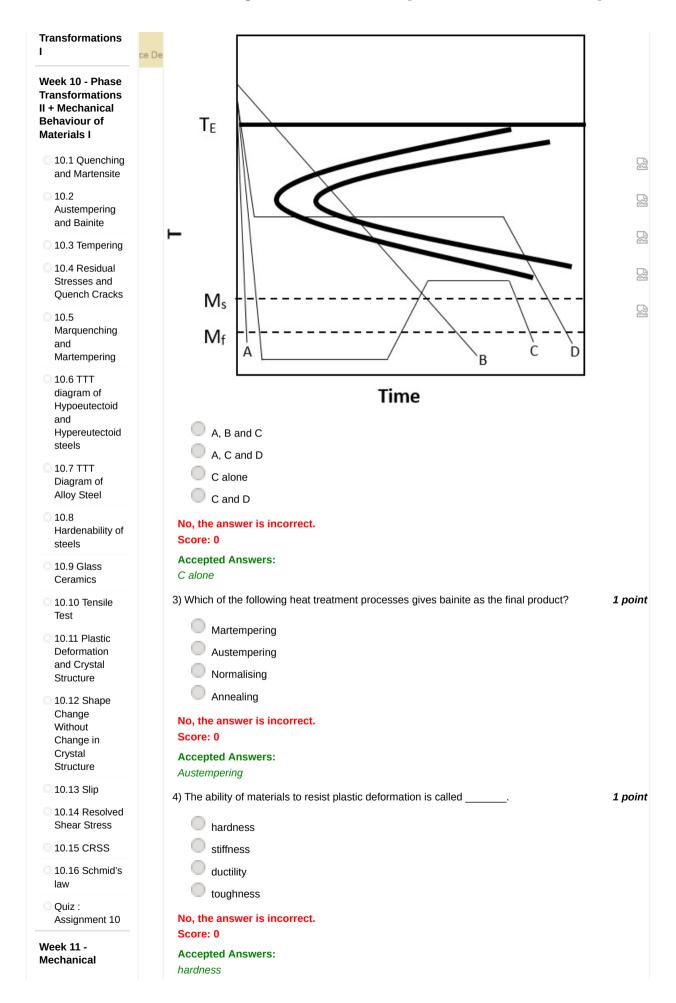
© 2014 NPTEL - Privacy & Terms - Honor Code - FAQs -

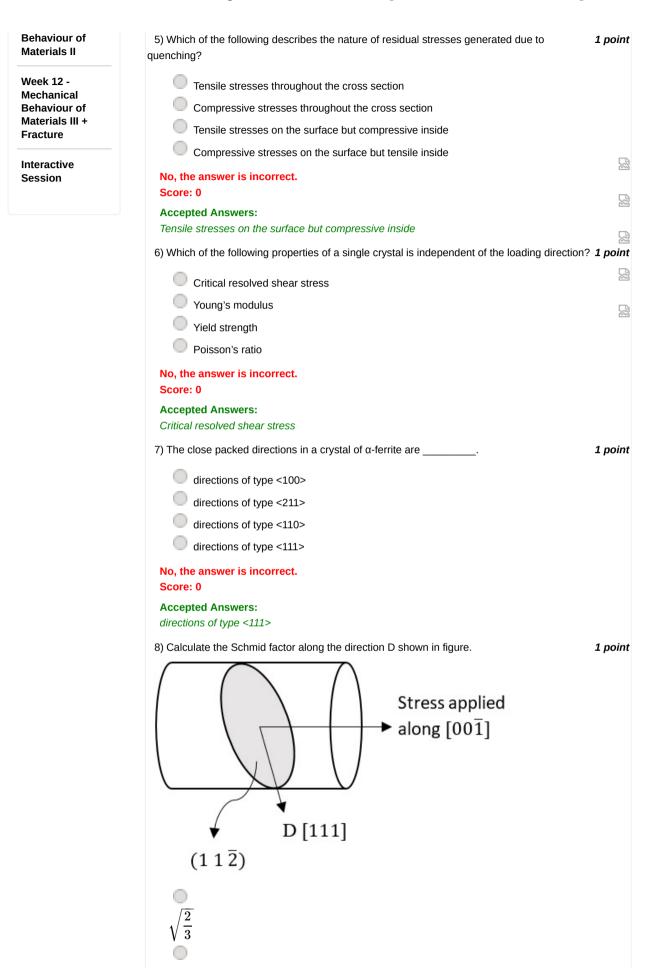
A project of

National Programme on Technology Enhanced Learning



Funded by





$ \frac{\sqrt{2}}{6} $ $ \sqrt{2} $ $ \frac{\sqrt{2}}{3} $ $ \frac{1}{\sqrt{3}} $	
No, the answer is incorrect.	· · · · · · · · · · · · · · · · · · ·
Score: 0	
Accepted Answers: $\frac{\sqrt{2}}{3}$	
9) Area under the stress-strain curve gives	1 point
hardness	
ductility	
critical resolved shear stress toughness  No, the answer is incorrect. Score: 0	
Accepted Answers: toughness	
10) Slipping and twinning are mechanisms for elastic deformation." True/False?	1 point
True	
False	
No, the answer is incorrect. Score: 0	
Accepted Answers:	
False	
Dravious Daga	End
Previous Page	⊏HU