X

Unit 9 - Week 8

Week 8- Assignment

The due date for submitting this assignment has passed. Due on 2016-09-13, 22:00 IST.
As per our records you have not submitted this assignment.

1) Enhanced surface oxide is an artifact of_____ technique *1 point*

- Ion milling
- Electropolishing
- Dimpling
- Disk punching

No, the answer is incorrect.
Score: 0

Accepted Answers:
Electropolishing

2) _____ technique is used for polymeric sample preparation *1 point*

- Ion milling
- Electro polishing
- Dimpling
- Ultramicrotomy

No, the answer is incorrect.
Score: 0

Accepted Answers:
Ultramicrotomy

3) _____ technique is used to prepare an electron transparent region in a 90 μm thick copper foil

Hint

No, the answer is incorrect.
Score: 0

Accepted Answers:
(Type: String) electropolishing
(Type: String) electro polishing

1 point

4) _____ technique is best suited for making a 3mm disc from a ceramic plate *1 point*

- Ultrasonic disc cutting
- Disc punching
- Electro polishing
- Ion milling

No, the answer is incorrect.
Score: 0

Accepted Answers:
Ultrasonic disc cutting

5) Weiss's Zone Law is _____, for a (h k l) plane in [u v w] direction ***1 point***

- hu+kv+lw=0
- hu+kv+lw=1
- $h_1h_2+k_1k_2+l_1l_2=0$
- $h_1h_2+k_1k_2+l_1l_2=1$

No, the answer is incorrect.
Score: 0

Accepted Answers:
hu+kv+lw=0

6) Zone axis for (100) and (010) plane is____

Hint

No, the answer is incorrect.
Score: 0

Accepted Answers:
(Type: String) 001
(Type: String) [001]
(Type: String) <001>

1 point

7) How much thickness value you could suggest for a sample to be used in ion milling? ***1 point***

- <100 micron
- <150 micron
- <50 micron
- None of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
<50 micron

Previous Page End

Funded by

Powered by