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

- Ion milling
- Electropolishing
- Dimpling
- Disk punching

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

2) _______ technique is used for polymeric sample preparation

- 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:
(String) electropolishing
(String) electro polishing

4) _______ technique is best suited for making a 3mm disc from a ceramic plate

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

1 point
5) Weiss’s Zone Law is ______________, for a (h k l) plane in [u v w] direction
   - $h_1u + k_1v + l_1w = 0$
   - $h_1u + k_1v + l_1w = 1$
   - $h_2u + k_2v + l_2w = 0$
   - $h_2u + k_2v + l_2w = 1$

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

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

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   (Type: String) 001
   (Type: String) [001]
   (Type: String) <001>

7) How much thickness value you could suggest for a sample to be used in ion milling?
   - <100 micron
   - <150 micron
   - <50 micron
   - None of the above

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   <50 micron