Week 6 Assessment

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment.

1) Photolithography is an important step in microfabrication, what do you understand by "Photolithography"?
   a) Pattern formation is a method
   b) Pattern transfer in a substrate
   c) Strong water by LIGA or by US
   d) Deposited by any material on a substrate
   
   No, the answer is incorrect.
   Accepted Answers:
   Transferring pattern on to a substrate.

2) What is the flow of the modelling in COMSOL?
   a) Make geometry
   b) Add phases
   c) Add materials
   d) Define type of study
   e) Apply physics conditions

   No, the answer is incorrect.
   Accepted Answers:
   A, D, C, E, B

3) Regarding COMSOL Multiphysics videos, evaluate the following statement.

   No, the answer is incorrect.
   Accepted Answers:
   A, C, D, B

4) Why can photolithography be used in COMSOL Multiphysics?

   No, the answer is incorrect.
   Accepted Answers:
   A, C, D, B

5) Why additional signal conditioning circuit is needed in between temperature sensor and ADC?

   No, the answer is incorrect.
   Accepted Answers:
   A, C, D, B

6) Calculate the resolution of ADC with reference voltage 12 V.

   No, the answer is incorrect.
   Accepted Answers:
   46.875 mV

7) Why primer is coated before Photolithosis?

   No, the answer is incorrect.
   Accepted Answers:
   A, C, D, B

8) Making an important step in Photolithography process, Hard Bake and Soft Bake are performed at

   No, the answer is incorrect.
   Accepted Answers:
   A, C, D, B

9) NPIR cells are standard for air, frequently found in classrooms. Which is correct form of NPIR?

   No, the answer is incorrect.
   Accepted Answers:
   A, C, D, B

10) What is the flow of the modelling in COMSOL?

    No, the answer is incorrect.
    Accepted Answers:
    A, D, C, E, B