Assignment 3

Due on 2019-08-21, 23:59 IST.

The deadline for submitting this assignment has passed. As per our records you have not submitted this assignment.

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1. Solar radiation that is received after it changes its direction due to reflection and scattering in the atmosphere is called?
   - Direct Radiation
   - Diffused Radiation
   No, the answer is incorrect. Scored: 0

2. What are the factors affecting efficiency of solar cell?
   - Temperature
   - Solar radiation
   - Shunt resistance
   - All above
   No, the answer is incorrect. Scored: 0

3. In batteries process which metal is used as anode?
   - Ag
   - Cu
   - Pt
   No, the answer is incorrect. Scored: 0

4. Which technique is used for changing semiconductor grade polycrystalline silicon to single crystal silicon?
   - CZ technique
   - Floating zone
   - Lithography
   No, the answer is incorrect. Scored: 0

5. A solar module is—
   - newly installed solar cell
   - Series parallel arrangement of solar cell
   - A series of solar cells when not used for power generation
   No, the answer is incorrect. Scored: 0

6. What one is not a CVD technique?
   - LPCVD
   - HWCVD
   - APCVD
   No, the answer is incorrect. Scored: 0

7. Which material is used as TOO layer?
   - InSb
   - InAs
   - ZnO
   No, the answer is incorrect. Scored: 0

8. Advantage of a Si:H over C-Si?
   - Expensive
   - less material requirement
   - High efficiency
   No, the answer is incorrect. Scored: 0

9. What is the yield of ternaries process?
   - 20%
   - 33%
   - 51%
   - 72%
   No, the answer is incorrect. Scored: 0

10. What is the thickness of TOO layer?
    - \( \lambda_{TOO} = 1 \text{ (THO)} \)
    - \( 2\lambda_{TOO} = 1 \text{ (THO)} \)
    - \( 2\lambda_{TOO} = 1 \text{ (THO)} \)
    - \( 4\lambda_{TOO} = 1 \text{ (THO)} \)
    No, the answer is incorrect. Scored: 0