Assignment 0

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

Due on 2020-01-27, 23:59 IST.

Assignment 5

1) Which of the following bond is the weakest among various bonds observed between the atoms/molecules?

- Metallic bond
- Covalent bond
- Ionic bond
- Hydrogen bond

No, the answer is incorrect. Score: 0
Accepted Answer: Hydrogen bond

2) Which of the following statement is not correct with respect to a tension test?

- True stress is larger than the engineering stress.
- True strain is lesser than the engineering strain.
- The tension test causes axial extension in the specimen.
- The difference between true and engineering stress/strain reduces in the plastic deformation state.

No, the answer is incorrect. Score: 0
Accepted Answer: The difference between true and engineering stress/strain reduces in the elastic deformation state.

3) In casting, the sand in its most/natural state is termed as:

- Refractory sand
- Loose sand
- Green sand
- There is no specific term for it.

No, the answer is incorrect. Score: 0
Accepted Answer: Green sand

4) Which of the following processes produces the best surface finish?

- Turning
- Grinding
- Drilling
- Shaping

No, the answer is incorrect. Score: 0
Accepted Answer: Grinding

5) Which of the following metal working processes results in the addition of material (to the original material being processed) during processing?

- Welding
- Casting
- Machining
- Forming

No, the answer is incorrect. Score: 0
Accepted Answer: Welding

6) _______ is the slope of stress-strain curve in elastic-deformation region?

- Poisson’s ratio
- Elastic modulus
- Plastic modulus
- Yield strength

No, the answer is incorrect. Score: 0
Accepted Answer: Elastic modulus

7) Working temperature in cold working is below ________?

- Transition temperature
- Critical temperature
- Recrystallization temperature
- Melting temperature

No, the answer is incorrect. Score: 0
Accepted Answer: Recrystallization temperature