Assignment 1

Due on 2020-02-12, 23:59 IST.

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

1. Most of the abrasive particles are ______ in nature.
   - Brittle
   - Ductile
   - Elastic
   - Penetrating
   - No, the answer is incorrect.
   - Score: 0
   - Accepted Answer: Brittle

2. Among the following abrasive particles, which is a white crystalline powder?
   - SiC
   - Silicon dioxide
   - Boron carbide
   - CBN
   - No, the answer is incorrect.
   - Score: 0
   - Accepted Answer: Boron carbide

3. What is the boiling point of silicon carbide (SiC)?
   - 3000°C
   - 2000°C
   - 5000°C
   - 1000°C
   - It has no boiling point.
   - No, the answer is incorrect.
   - Score: 0
   - Accepted Answer: 3000°C

4. Among the following, the correct range for the medium grit size of the grinding wheel is?
   - 90 to 120
   - 10 to 24
   - 70 to 180
   - 240 to 800
   - No, the answer is incorrect.
   - Score: 0
   - Accepted Answer: 10 to 24

5. In grinding wheel specification chart, which code represents hardness?
   - G
   - D
   - S
   - V
   - No, the answer is incorrect.
   - Score: 0
   - Accepted Answer: G

6. If the mesh size is 120. Then particle size in micron is?
   - No, the answer is incorrect.
   - Score: 0
   - Accepted Answer: 20 to 40

7. Which of the following range of alphabet represents hand grain in grinding wheel?
   - A to H
   - J to P
   - Q to Z
   - None of the above
   - No, the answer is incorrect.
   - Score: 0
   - Accepted Answer: A to H

8. A grinding wheel is marked as: 51 A 3/2 Z 13 X, here what does Z denote?
   - Rubber bond
   - Open structure
   - Grain size
   - Denser structure
   - No, the answer is incorrect.
   - Score: 0
   - Accepted Answer: Denser structure

9. In the cutting fluid, which additive act as an anti-flammatory agent?
   - Silicon oil
   - Vegetable oil
   - Sancel
   - Emulsions
   - No, the answer is incorrect.
   - Score: 0
   - Accepted Answer: Silicon oil

10. Grinding fluids are used to:
    - Reduce the friction between grinding wheel and workpiece
    - Wash away chips
    - Prevent loading of wheel
    - All of the above
    - No, the answer is incorrect.
    - Score: 0
    - Accepted Answer: All of the above