Assignment 4

Due on 2020-02-26, 23:59 IST.

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

1. Which of the following media are used for finishing of HSS and Carbide tools in die finishing process?

   a) EOE, G46 granules
   b) L & G80 granules
   c) L & G120 granules
   d) M & G60 granules

   No. the answer is incorrect. 
   Correct Answer: a, b, c

2. Which of the following mass finishing process gives faster and consistent surface roughness on component?

   a) Drum finishing
   b) Vibratory bowl finishing
   c) Centrifugal drum tumbling
   d) Ceramic tumbling

   No. the answer is incorrect. 
   Correct Answer: b, d

3. Based on the following data, which of the following statements are correct? 

   a) 42 is the maximum width
   b) 42 is the minimum width
   c) 0.003 is the maximum width
   d) 0.4 is the minimum width

   No. the answer is incorrect. 
   Correct Answer: a, b

4. Which of the following materials is/are used for finishing the surface of a component?

   a) Glass
   b) Cloth
   c) Metal
   d) Water

   No. the answer is incorrect. 
   Correct Answer: d

5. Which of the following components are present in a vibratory bowl finishing process?

   a) Finishing media
   b) Double media
   c) Ceramica
   d) Plastic or Ceramic

   No. the answer is incorrect. 
   Correct Answer: a, b

6. Which of the following statements are correct regarding the finishing of two components with a single surface roughness?

   a) Statement 1 is correct and Statement 2 is incorrect.
   b) Statement 1 is incorrect and Statement 2 is correct.
   c) Both the statements are true.
   d) Both the statements are false.

   No. the answer is incorrect. 
   Correct Answer: a

7. Which of the following is true about the wear mechanism present in the vibratory bowl finishing process?

   a) 2 body abrasion
   b) 3 body abrasion
   c) Combination of 2 and 3 body abrasion
   d) Neither of the above

   No. the answer is incorrect. 
   Correct Answer: b

8. Which of the following statements are correct regarding the finishing of two components with different surface roughness?

   a) Both the statements are true.
   b) Both the statements are false.
   c) Statement 1 is incorrect and Statement 2 is correct.
   d) Statement 1 is correct and Statement 2 is incorrect.

   No. the answer is incorrect. 
   Correct Answer: a

9. The necessary condition to eliminate waviness from the surface roughness is

   a) Curvature length should be higher than waviness wavelength
   b) Curvature length should be lower than waviness wavelength
   c) Curvature length should be lower than waviness wavelength
   d) Curvature length should be higher than waviness wavelength

   No. the answer is incorrect. 
   Correct Answer: b

10. Which of the following can be used as the key feature in Super-finishing process?

    a) C
    b) G
    c) M
    d) N

    No. the answer is incorrect. 
    Correct Answer: c