

Student: Rahul.m.j

Score: 15/15 (100.00%)

Code: 8726

1. Which material is used to make radius gauge?  
A) Cast steel B) Tool steel  
**C) Hardened steel (Correct)** D) Stainless steel
2. Which cutting tools have highest cutting efficiency?  
A) Mild steel B) High carbon steel  
C) High speed steel **D) Carbide (Correct)**
3. Which is a non-metallic tool material?  
A) High carbon steel **B) Diamonds (Correct)**  
C) Stellite D) Carbide
4. Which one is example of ferrous tool material?  
**A) High carbon steel (Correct)** B) Carbide tool  
C) Stellite D) Diamonds
5. What is the tool life index of cemented carbide tool for turning high carbon high chromium die steel?  
**A) 0.15 (Correct)** B) 0.2  
C) 0.4 D) 0.35
6. What does the letter 's' stands in the equation  $d = Y - 2(s + r)$  in taper measurement?  
A) Diameter over the roller at large end B) Diameter over the rollers at small end  
**D) Distance from the centre of the roller to the end of the component (Correct)**  
C) Radius of the rollers
7. How many precision rollers required for measuring angle of tapered component?  
A) 1 **B) 2 (Correct)**  
C) 3 D) 4
8. What is the recommended feed rate for turning cast iron (grey) using H.S.S tool?  
A) 0.08-0.03 mm/rev B) 0.2-1.00 mm/rev  
C) 0.2-1.5 mm/rev **D) 0.15-0.7 mm/rev (Correct)**
9. How the cutting speed is expressed?  
A) Foot/min B) Meter/sec  
**C) Meter/min (Correct)** D) Revolution/min
10. How much percentage of cutting speed could be increased by using super HSS tools?  
A) 5% to 10% B) 10% to 15%  
**C) 15% to 20% (Correct)** D) 20% to 25%
11. Which gauge is to be selected for checking the corner radius of the job?  
**A) Radius gauge (Correct)** B) Fillet gauge  
C) Feeler gauge D) Plug gauge
12. Where the follower is fixed to produce form turning?  
A) Tool part B) Top slide  
**C) Cross slide (Correct)** D) Tail stook
13. Which gauge is used to check the radius formed at the steps of component?  
**A) Fillet gauge (Correct)** B) Radius gauge  
C) Feeler gauge D) Plug gauge
14. What is the term the distance moved by the tool along the work for each revolution?  
A) Speed **B) Feed (Correct)**  
C) Cutting speed D) Depth
15. Which type of tool is suitable to produce form surface in mass production activities?  
**A) Using carbide tipped form tool (Correct)** B) High carbon steel tool  
C) High speed steel cutting tool D) Using single point cutting tool