

Student: Gagan M

Score: 13/15 (86.67%)

Code: 7254

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