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Score: 12/15 (80.00%)

Code: 2244

1. Which material is used to make radius gauge?
A) Cast steel (Incorrect) B) Tool steel
C) **Hardened steel** D) Stainless steel
2. Which cutting tools have highest cutting efficiency?
A) Mild steel B) High carbon steel (Incorrect)
C) High speed steel D) **Carbide**
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
C) Radius of the rollers 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 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 from turning?
A) Tool part B) Top slide
C) **Cross slide (Correct)** D) Tail stock
13. Which gauge is used to check the radius formed at the steps of component?
A) **Fillet gauge** B) Radius gauge (Incorrect)
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