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Score: 11/15 (73.33%)

Code: 2770

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
 (Incorrect) **B) Diamonds**
 C) Stellite D) Carbide

4. Which one is example of ferrous tool material?

- A) High carbon steel** B) Carbide tool
 C) Stellite D) Diamonds (Incorrect)

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 D) Revolution/min (Incorrect)

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 stock

13. Which gauge is used to check the radius formed at the steps of component?

- A) Fillet gauge** B) Radius gauge
C) Feeler gauge (Incorrect) 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