

Student: Jeevan gs

Score: 15/15 (100.00%)

Code: 2404

1. Which material is used to make radius gauge?

- A) Cast steel B) Tool steel
C) **Hardened steel (Correct)** D) Stainless steel

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)

2. Which cutting tools have highest cutting efficiency?

- A) Mild steel B) High carbon steel
C) High speed steel **D) Carbide (Correct)**

9. How the cutting speed is expressed?

- A) Foot/min B) Meter/sec
C) Meter/min (Correct) D) Revolution/min

3. Which is a non-metallic tool material?

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

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%

4. Which one is example of ferrous tool material?

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

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

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

12. Where the follower is fixed to produce form turning?

- A) Tool part B) Top slide
C) Cross slide (Correct) D) Tail stook

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

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

7. How many precision rollers required for measuring angle of tapered component?

- A) 1 **B) 2 (Correct)**
C) 3 D) 4

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

8. What is the recommended feed rate for turning cast iron (grey) using H.S.S tool?

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