

Student: Gagan KP

Score: 3/11 (27.27%)

Code: 5947

1. Which material is used to make radius gauge?

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

2. Which cutting tools have highest cutting efficiency?

- A) Mild steel (Incorrect) B) High carbon steel
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 chief constituent of ferrous tool material?

- A) Iron** B) Tungsten
C) Vanadium D) Carbon (Incorrect)

5. Which one is example of ferrous tool material?

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

6. What does the letter Y stands in the formula $d = Y \cdot 2(s+r)$ in taper measurement?

- A) Diameter over rollers at small end** B) Diameter over rollers at big end
C) Radius of the roller D) Distance from the centre of the roller to the end of the component (Incorrect)

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

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

8. What is the recommended cutting speed for turning mild steel using H.S.S tool?

- A) 25-40 m/min B) 35-70 m/min
C) 40-70 m/min **D) 35-50 m/min (Correct)**

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

- A) 0.08-0.03 mm/rev (Incorrect) B) 0.2-1.00 mm/rev
C) 0.2-1.5 mm/rev **D) 0.15-0.7 mm/rev**

10. How the cutting speed is expressed?

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

11. What is the recommended cutting speed for aluminium using H.S.S tool?

- A) 70 m/min - 100 m/min** B) 50 m/min - 80 m/min (Incorrect)
C) 35 m/min - 50 m/min D) 25 m/min - 40 m/min