

ITI Quiz

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Attempt No.	#2	Completion Time	09:52 AM
Rank	#1	Total Questions	11

6 SCORE

11 MAX MARKS

6 CORRECT

5 INCORRECT

Answer Review

Q1 **INCORRECT** Which material is used to make radius gauge?

A. Cast steel

B. Tool steel ☐

C. Hardened steel ☐

D. Stainless steel

Q2 **INCORRECT** Which cutting tools have highest cutting efficiency?

A. Mild steel

B. High carbon steel

C. High speed steel ☐

D. Carbide ☐

Q3 **CORRECT** Which is a non-metallic tool material?

A. High carbon steel

B. Diamonds ☐

C. Stellite

D. Carbide

Q4 **CORRECT** Which one is chief constituent of ferrous tool material?

A. Iron ☒

B. Tungsten

C. Vanadium

D. Carbon

Q5 **CORRECT** Which one is example of ferrous tool material?

A. High carbon steel ☒

B. Carbide tool

C. Stellite

D. Diamonds

Q6 **CORRECT** What does the letter Y stands in the formula $d = Y \frac{2(s+r)}{\dots}$ 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

Q7 **CORRECT** How many precision rollers required for measuring angle of tapered component?

A. 1

B. 2 ☒

C. 3

D. 4

Q8 **INCORRECT** 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 ☒

Q9 **INCORRECT** 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 ☒

Q10 **INCORRECT** How the cutting speed is expressed?

- A. Foot/min
- B. Meter/sec
- C. Meter/min ☒
- D. Revolution/min ☐

Q11 **CORRECT** 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
- C. 35 m/min - 50 m/min
- D. 25 m/min - 40 m/min