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ITI Quiz - 11-Feb-2026 12:04 PM

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Student Name	Gagan M	Access Code	7254
Attempt No.	#3	Completion Time	12:24 PM
Rank	#13	Total Questions	15

10 SCORE

15 MAX MARKS

10 CORRECT

5 INCORRECT

Answer Review

Q1 **CORRECT** 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 **INCORRECT** Which one is example of ferrous tool material?

A. High carbon steel ☒

B. Carbide tool ☐

C. Stellite

D. Diamonds

Q5 **INCORRECT** What is the tool life index of cemented carbide tool for turning high carbon high chromium die steel?

A. 0.15 ☐

B. 0.2 ☒

C. 0.4

D. 0.35

Q6 **CORRECT** 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 ☒

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

A. 1

B. 2 ☒

C. 3

D. 4

Q8 **CORRECT** 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 ☒

Q9 **CORRECT** How the cutting speed is expressed?

A. Foot/min

B. Meter/sec

C. Meter/min ☒

D. Revolution/min

Q10 **CORRECT** 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% ☒

D. 20% to 25%

Q11 **INCORRECT** Which gauge is to be selected for checking the corner radius of the job?

A. Radius gauge ☐

B. Fillet gauge

C. Feeler gauge ☒

D. Plug gauge

Q12 **CORRECT** Where the follower is fixed to produce from turning?

A. Tool part

B. Top slide

C. Cross slide ☐

D. Tail stook

Q13 **INCORRECT** Which gauge is used to check the radius formed at the steps of component?

A. Fillet gauge ☐

B. Radius gauge ☒

C. Feeler gauge

D. Plug gauge

Q14 **CORRECT** What is the term the distance moved by the tool along the work for each revolution?

A. Speed

B. Feed ☐

C. Cutting speed

D. Depth

Q15 **CORRECT** Which type of tool is suitable to produce form surface in mass production activities?

A. Using carbide tipped form tool ☒

B. High carbon steel tool ☐

C. High speed steel cutting tool ☐

D. Using single point cutting tool ☐