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

Q. ID: ITISKILL4563MY | February 2026

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Student Name	Punith R j	Access Code	0233
Attempt No.	#3	Completion Time	12:15 PM
Rank	#12	Total Questions	15

11 SCORE

15 MAX MARKS

11 CORRECT

4 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 **CORRECT** 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 example of ferrous tool material?

A. High carbon steel ☒

B. Carbide tool

C. Stellite

D. Diamonds

Q5 **CORRECT** 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 **INCORRECT** 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 **INCORRECT** 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 stock

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 ☐