

# DEPARTMENT OF MECHANICAL ENGINEERING

## 20ME002 - MANUFACTURING PROCESSES II

### THEORY OF METAL CUTTING - QUIZ

Student Name:	Navaneethan.B
Register Number:	2403713811421013
Date:	2025-07-30
Time:	09:43:16
Duration:	5:17 minutes
Questions:	20 (Random selection from 75-question bank)

**SCORE: 14/20 (70.0%)**

**GRADE: B**

### ***DETAILED RESULTS***

Q.No	Your Answer	Correct Answer	Status
1	All of the above	All of the above	✓ Correct
2	15-45 minutes	15-45 minutes	✓ Correct
3	High	High	✓ Correct
4	Shear stress exceeding yield s...	Shear stress exceeding yield s...	✓ Correct
5	High carbon content	Sulfur or lead additions	✗ Wrong
6	Maximum at the shear plane	Maximum at the shear plane	✓ Correct
7	Along the feed direction	Radially inward	✗ Wrong
8	Both rake angle and friction a...	Both rake angle and friction a...	✓ Correct
9	All of the above	All of the above	✓ Correct

10	Flank wear	Flank wear	✓ Correct
11	Brittle materials	Hard materials at high speeds	✗ Wrong
12	Large nose radius	Zero nose radius	✗ Wrong
13	Uniform thickness	Segmented appearance	✗ Wrong
14	Chip flow angle equals inclina...	Chip flow angle equals inclina...	✓ Correct
15	Difference between 90° and sum...	Difference between 90° and sum...	✓ Correct
16	Base of tool	Base of tool	✓ Correct
17	Tool face and reference plane	Tool face and reference plane	✓ Correct
18	High cutting speeds	Low cutting speeds	✗ Wrong
19	Relationship between forces an...	Relationship between forces an...	✓ Correct
20	Smallest among all forces	Smallest among all forces	✓ Correct

This is an auto-generated report from random question selection.  
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