

DEPARTMENT OF MECHANICAL ENGINEERING

20ME002 - MANUFACTURING PROCESSES II

THEORY OF METAL CUTTING - QUIZ

Student Name:	P.SABARISH
Register Number:	Le005
Date:	2025-07-30
Time:	09:54:39
Duration:	2:35 minutes
Questions:	20 (Random selection from 75-question bank)

SCORE: 7/20 (35.0%)

GRADE: F

DETAILED RESULTS

Q.No	Your Answer	Correct Answer	Status
1	Large nose radius	Zero nose radius	✗ Wrong
2	Force x time	Force x velocity	✗ Wrong
3	Friction	Both plastic deformation and f...	✗ Wrong
4	Material is hard	Material is ductile with high ...	✗ Wrong
5	Flank face and cutting edge	Tool face and reference plane	✗ Wrong
6	Less than normal rake angle	Less than normal rake angle	✓ Correct
7	Tool wear	Cutting forces	✗ Wrong
8	Friction coefficient	Cutting ratio	✗ Wrong
9	Chip thickness	All of the above	✗ Wrong

10	Flank wear	Flank wear	✓ Correct
11	Square of feed rate	Square of feed rate	✓ Correct
12	Tangential, radial, and axial	Tangential, radial, and axial	✓ Correct
13	Flank face	Rake face	✗ Wrong
14	Surface finish	All of the above	✗ Wrong
15	Shear stress exceeding yield s...	Shear stress exceeding yield s...	✓ Correct
16	At the tool tip	On the rake face near cutting ...	✗ Wrong
17	Perpendicular to the direction...	Perpendicular to the direction...	✓ Correct
18	Tangentially	Radially inward	✗ Wrong
19	$VT = C$	$VT^n = C$	✗ Wrong
20	Hard materials at high speeds	Hard materials at high speeds	✓ Correct

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