

DEPARTMENT OF MECHANICAL ENGINEERING

20ME002 - MANUFACTURING PROCESSES II

THEORY OF METAL CUTTING - QUIZ

Student Name:	HARINATH.S
Register Number:	LE-01
Date:	2025-07-30
Time:	09:57:14
Duration:	5:05 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	Longitudinal plane	Transverse plane	✗ Wrong
2	Low cutting speeds	Low cutting speeds	✓ Correct
3	Cutting speed is very low	Material is ductile with high ...	✗ Wrong
4	Axial plane	Longitudinal plane	✗ Wrong
5	Tool face	Base of tool	✗ Wrong
6	Increase cutting speed	Control chip formation	✗ Wrong
7	Ferrous materials	Non-ferrous materials	✗ Wrong
8	Along the feed direction	Radially inward	✗ Wrong
9	Relationship between forces an...	Relationship between forces an...	✓ Correct

10	Uncut chip thickness / Cut chi...	Cut chip thickness / Uncut chi...	✗ Wrong
11	All of the above	All of the above	✓ Correct
12	Difference between rake and cl...	Sum of rake and clearance angl...	✗ Wrong
13	Large nose radius	Zero nose radius	✗ Wrong
14	Both surface finish and tool s...	Both surface finish and tool s...	✓ Correct
15	400°C	600°C	✗ Wrong
16	Equal to cutting force	Smallest among all forces	✗ Wrong
17	All of the above	All of the above	✓ Correct
18	Chip flow angle equals inclina...	Chip flow angle equals inclina...	✓ Correct
19	Has no effect on cutting force...	Decreases cutting forces	✗ Wrong
20	Both rake angle and friction a...	Both rake angle and friction a...	✓ Correct

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