

DEPARTMENT OF MECHANICAL ENGINEERING

20ME002 - MANUFACTURING PROCESSES II

THEORY OF METAL CUTTING - QUIZ

Student Name:	R.Dhanwanth
Register Number:	2403713811421004
Date:	2025-07-30
Time:	09:46:31
Duration:	7:45 minutes
Questions:	20 (Random selection from 75-question bank)

SCORE: 10/20 (50.0%)

GRADE: F

DETAILED RESULTS

Q.No	Your Answer	Correct Answer	Status
1	Rake face	Rake face	✓ Correct
2	Fine grain structure	Sulfur or lead additions	✗ Wrong
3	Between chip and tool face	Between chip and tool face	✓ Correct
4	All of the above	All of the above	✓ Correct
5	Tool face and cutting edge	Tool face and reference plane	✗ Wrong
6	Brittle materials	Hard materials at high speeds	✗ Wrong
7	Continuous chip	Continuous chip	✓ Correct
8	Tool wear	Cutting forces	✗ Wrong
9	All of the above	All of the above	✓ Correct

10	Poor surface finish	Poor surface finish	✓ Correct
11	Control chip formation	Control chip formation	✓ Correct
12	Tool geometry and friction	Tool geometry and friction	✓ Correct
13	Force per unit area	Energy per unit volume of mate...	✗ Wrong
14	Increases cutting forces	Decreases cutting forces	✗ Wrong
15	Square root of feed rate	Square of feed rate	✗ Wrong
16	Nose wear	Flank wear	✗ Wrong
17	Chip flow angle equals inclina...	Chip flow angle equals inclina...	✓ Correct
18	All of the above	All of the above	✓ Correct
19	Soft materials	Hardened steels	✗ Wrong
20	Uncut chip thickness / Cut chi...	Cut chip thickness / Uncut chi...	✗ Wrong

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