

DEPARTMENT OF MECHANICAL ENGINEERING

20ME002 - MANUFACTURING PROCESSES II

THEORY OF METAL CUTTING - QUIZ

Student Name:	J.sivabalan
Register Number:	Lateral entry-05
Date:	2025-07-30
Time:	09:54:31
Duration:	3:10 minutes
Questions:	20 (Random selection from 75-question bank)

SCORE: 8/20 (40.0%)

GRADE: F

DETAILED RESULTS

Q.No	Your Answer	Correct Answer	Status
1	Rake face	Rake face	✓ Correct
2	All of the above	All of the above	✓ Correct
3	Ceramic-metal composites	Ceramic-metal composites	✓ Correct
4	Smooth surface	Segmented appearance	✗ Wrong
5	Stainless steel	Free-cutting steel	✗ Wrong
6	Cutting edge	Base of tool	✗ Wrong
7	High	High	✓ Correct
8	Longitudinal plane	Transverse plane	✗ Wrong
9	Mist cooling	Mist cooling	✓ Correct

10	Edge chipping	Flank wear	✗ Wrong
11	Zero nose radius	Zero nose radius	✓ Correct
12	Always 90°	Difference between 90° and sum...	✗ Wrong
13	Surface finish only	Both surface finish and tool s...	✗ Wrong
14	Energy per unit volume of mate...	Energy per unit volume of mate...	✓ Correct
15	Friction angle only	Both rake angle and friction a...	✗ Wrong
16	Independent of cutting speed	Always less than cutting speed	✗ Wrong
17	Complement of rake angle	Sum of rake and clearance angl...	✗ Wrong
18	Tangential, radial, and axial	Tangential, radial, and axial	✓ Correct
19	Tangentially	Radially inward	✗ Wrong
20	Ceramic material	Cobalt-based alloy	✗ Wrong

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