

DEPARTMENT OF MECHANICAL ENGINEERING

20ME002 - MANUFACTURING PROCESSES II

THEORY OF METAL CUTTING - QUIZ

Student Name:	S. Kalaiselvan
Register Number:	2403713811421007
Date:	2025-07-30
Time:	09:45:05
Duration:	7:08 minutes
Questions:	20 (Random selection from 75-question bank)

SCORE: 16/20 (80.0%)

GRADE: A

DETAILED RESULTS

Q.No	Your Answer	Correct Answer	Status
1	Zero nose radius	Zero nose radius	✓ Correct
2	Better surface finish	Poor surface finish	✗ Wrong
3	Material is ductile with high ...	Material is ductile with high ...	✓ Correct
4	All of the above	All of the above	✓ Correct
5	All of the above	All of the above	✓ Correct
6	Decreases cutting forces	Decreases cutting forces	✓ Correct
7	High pressure and low speed	High pressure and low speed	✓ Correct
8	All of the above	All of the above	✓ Correct
9	Square root of feed rate	Square of feed rate	✗ Wrong

10	Flank wear	Flank wear	✓ Correct
11	All of the above	All of the above	✓ Correct
12	Smallest among all forces	Smallest among all forces	✓ Correct
13	Cutting edge	Rake face	✗ Wrong
14	$VT^n = C$	$VT^n = C$	✓ Correct
15	Parallel to cutting velocity	Parallel to cutting velocity	✓ Correct
16	Always greater than 1	Can be greater than 1	✗ Wrong
17	600°C	600°C	✓ Correct
18	Both surface finish and tool s...	Both surface finish and tool s...	✓ Correct
19	Tool geometry and friction	Tool geometry and friction	✓ Correct
20	Cutting forces	Cutting forces	✓ Correct

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