

DEPARTMENT OF MECHANICAL ENGINEERING

20ME002 - MANUFACTURING PROCESSES II

THEORY OF METAL CUTTING - QUIZ

Student Name:	Mari Selvam P
Register Number:	2403713811421012
Date:	2025-07-30
Time:	09:44:57
Duration:	5:24 minutes
Questions:	20 (Random selection from 75-question bank)

SCORE: 13/20 (65.0%)

GRADE: C

DETAILED RESULTS

Q.No	Your Answer	Correct Answer	Status
1	Cutting forces	Relationship between forces an...	✗ Wrong
2	Ceramic material	Cobalt-based alloy	✗ Wrong
3	Both tensile and compressive s...	Both tensile and compressive s...	✓ Correct
4	Cutting forces	Cutting forces	✓ Correct
5	All of the above	All of the above	✓ Correct
6	Perpendicular to the direction...	Perpendicular to the direction...	✓ Correct
7	Continuous chip	Continuous chip	✓ Correct
8	Ahead of the cutting edge	Ahead of the cutting edge	✓ Correct
9	All of the above	All of the above	✓ Correct

10	Brittle materials	Brittle materials	✓ Correct
11	Tool face and reference plane	Tool face and reference plane	✓ Correct
12	Decreases cutting forces	Decreases cutting forces	✓ Correct
13	Force per unit area	Energy per unit volume of mate...	✗ Wrong
14	Control chip formation	Control chip formation	✓ Correct
15	Tool vibration	Shear stress exceeding yield s...	✗ Wrong
16	Always less than cutting speed	Always less than cutting speed	✓ Correct
17	Cutting speed	Feed rate	✗ Wrong
18	Material is brittle	Material is ductile with high ...	✗ Wrong
19	All of the above	All of the above	✓ Correct
20	Difference between rake and cl...	Sum of rake and clearance angl...	✗ Wrong

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