

DEPARTMENT OF MECHANICAL ENGINEERING

20ME002 - MANUFACTURING PROCESSES II

THEORY OF METAL CUTTING - QUIZ

Student Name:	J.Naveen
Register Number:	LE02
Date:	2025-07-30
Time:	09:55:00
Duration:	3:06 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	Square root of feed rate	Square of feed rate	✗ Wrong
2	Cutting speed	Feed rate	✗ Wrong
3	Ceramic-metal composites	Ceramic-metal composites	✓ Correct
4	Control chip formation	Control chip formation	✓ Correct
5	50-150 m/min	50-150 m/min	✓ Correct
6	Relationship between forces an...	Relationship between forces an...	✓ Correct
7	0.2-0.5	0.1-0.2	✗ Wrong
8	Ceramic material	Cobalt-based alloy	✗ Wrong
9	600°C	1000°C	✗ Wrong

10	Rake face	Rake face	✓ Correct
11	Flank wear	Flank wear	✓ Correct
12	Primary, secondary, and tertia...	Tangential, radial, and axial	✗ Wrong
13	200°C	600°C	✗ Wrong
14	Cutting forces	Cutting forces	✓ Correct
15	All of the above	All of the above	✓ Correct
16	Dry cutting	Mist cooling	✗ Wrong
17	Both plastic deformation and f...	Both plastic deformation and f...	✓ Correct
18	Low-speed operations	High-speed operations	✗ Wrong
19	Increases cutting forces	Decreases cutting forces	✗ Wrong
20	On the rake face near cutting ...	On the rake face near cutting ...	✓ Correct

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