

# DEPARTMENT OF MECHANICAL ENGINEERING

## 20ME002 - MANUFACTURING PROCESSES II

### THEORY OF METAL CUTTING - QUIZ

Student Name:	Ashwin S
Register Number:	2403713811421002
Date:	2025-07-30
Time:	09:43:17
Duration:	4:42 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	Sum of rake and clearance angl...	Sum of rake and clearance angl...	✓ Correct
2	All of the above	All of the above	✓ Correct
3	Radially inward	Radially inward	✓ Correct
4	All of the above	All of the above	✓ Correct
5	All of the above	All of the above	✓ Correct
6	15-45 minutes	15-45 minutes	✓ Correct
7	Both plastic deformation and f...	Both plastic deformation and f...	✓ Correct
8	On the rake face near cutting ...	On the rake face near cutting ...	✓ Correct
9	Material brittleness	High pressure and low speed	✗ Wrong

10	Cutting forces	Cutting forces	✓ Correct
11	Longitudinal plane	Longitudinal plane	✓ Correct
12	No change in surface finish	Poor surface finish	✗ Wrong
13	Cutting forces are minimized	Chip flow angle equals inclina...	✗ Wrong
14	All of the above	All of the above	✓ Correct
15	Angle between shear plane and ...	Angle between shear plane and ...	✗ Wrong
16	Less than normal rake angle	Less than normal rake angle	✓ Correct
17	All of the above	All of the above	✓ Correct
18	All of the above	All of the above	✓ Correct
19	Flank wear	Flank wear	✓ Correct
20	Material is ductile with high ...	Material is ductile with high ...	✓ Correct

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