

# DEPARTMENT OF MECHANICAL ENGINEERING

## 20ME002 - MANUFACTURING PROCESSES II

### THEORY OF METAL CUTTING - QUIZ

Student Name:	S. Madhan kumar
Register Number:	2403713811421009
Date:	2025-07-30
Time:	09:43:40
Duration:	4:25 minutes
Questions:	20 (Random selection from 75-question bank)

**SCORE: 15/20 (75.0%)**

**GRADE: B**

#### ***DETAILED RESULTS***

Q.No	Your Answer	Correct Answer	Status
1	Soft materials	Hardened steels	✗ Wrong
2	All of the above	All of the above	✓ Correct
3	Cut chip thickness / Uncut chi...	Cut chip thickness / Uncut chi...	✓ Correct
4	Square of feed rate	Square of feed rate	✓ Correct
5	All of the above	All of the above	✓ Correct
6	Between chip and tool face	Between chip and tool face	✓ Correct
7	Force x velocity	Force x velocity	✓ Correct
8	50-150 m/min	50-150 m/min	✓ Correct
9	Sulfur or lead additions	Sulfur or lead additions	✓ Correct

10	Rake face	Rake face	✓ Correct
11	Tangential, radial, and axial	Tangential, radial, and axial	✓ Correct
12	Brittle materials	Brittle materials	✓ Correct
13	Along the feed direction	Radially inward	✗ Wrong
14	All of the above	All of the above	✓ Correct
15	All of the above	All of the above	✓ Correct
16	High pressure and low speed	High pressure and low speed	✓ Correct
17	Chip flow direction	All of the above	✗ Wrong
18	Chip flow angle equals inclina...	Chip flow angle equals inclina...	✓ Correct
19	Angle between shear plane and ...	Angle between shear plane and ...	✗ Wrong
20	Pure ceramics	Ceramic-metal composites	✗ Wrong

This is an auto-generated report from random question selection.  
Generated on: 2025-07-30 09:43:40