

# DEPARTMENT OF MECHANICAL ENGINEERING

## 20ME002 - MANUFACTURING PROCESSES II

### THEORY OF METAL CUTTING - QUIZ

Student Name:	Kamaleshwaran P
Register Number:	2403713811421008
Date:	2025-07-30
Time:	09:43:07
Duration:	4:18 minutes
Questions:	20 (Random selection from 75-question bank)

**SCORE: 7/20 (35.0%)**

**GRADE: F**

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

Q.No	Your Answer	Correct Answer	Status
1	Flank face	Rake face	✗ Wrong
2	Always equal to cutting speed	Always less than cutting speed	✗ Wrong
3	In the tool material	Between chip and tool face	✗ Wrong
4	High pressure and low speed	High pressure and low speed	✓ Correct
5	All of the above	All of the above	✓ Correct
6	Lubricate the interfaces	All of the above	✗ Wrong
7	50-150 m/min	50-150 m/min	✓ Correct
8	Mist cooling	Mist cooling	✓ Correct
9	Cobalt-based alloy	Cobalt-based alloy	✓ Correct

10	Always greater than 1	Can be greater than 1	✗ Wrong
11	Higher cutting speeds	All of the above	✗ Wrong
12	Non-ferrous materials	Non-ferrous materials	✓ Correct
13	Largest among all forces	Smallest among all forces	✗ Wrong
14	Base of tool	Base of tool	✓ Correct
15	Force per unit area	Energy per unit volume of mate...	✗ Wrong
16	Surface finish	All of the above	✗ Wrong
17	Surface finish	All of the above	✗ Wrong
18	In the chip	On the rake face near cutting ...	✗ Wrong
19	Independent of inclination ang...	Less than normal rake angle	✗ Wrong
20	Increased depth of cut	All of the above	✗ Wrong

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