

Pseudocode Index

Pseudocode tests logic, not syntax. Your main job is to trace variables accurately under time pressure.

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Core pseudocode keywords

Keyword	Meaning
READ	take input
DISPLAY / PRINT	output
SET	assign value
IF / ELSE	conditional branch
FOR	fixed-count loop
WHILE	condition-based loop
REPEAT UNTIL	loop runs at least once
CASE	multi-way branching
RETURN	send value back from function

20-question strategy

Time: 20 minutes.

Target:

- 10 easy questions in first 7–8 minutes.
- 6 medium questions in next 8 minutes.
- 4 hard/long questions in remaining time.

Most common output traps

- Off-by-one loop boundaries: `<` vs `<=`
- Integer division
- Modulus `%`
- Variable update order
- Nested loops
- Array index starting from 0 or 1
- `WHILE` zero execution
- `REPEAT UNTIL` at least one execution
- Recursive base case