

Google Placement Papers 2026

27 MCQs with answer key · Free download

[Exam pattern](#)

Mix of aptitude/reasoning, CS fundamentals, and programming/DSA logic MCQs for campus OA themes (coding-first screens). Includes light behavioral prep. Practice set — not an official Google paper.

Questions

[Quantitative Ability](#)

Q1. HCF of 11 and 15:

- A) 1
- B) 165
- C) 11
- D) 15

Q2. A value rises 20% then falls 10%. Net approx:

- A) 10%
- B) 8%
- C) 30%
- D) -8%

Q3. SI doubles in 5 years. Rate: [Google paper]

- A) 10%
- B) 15%
- C) 20%
- D) 25%

Q4. Average of 5 numbers 42; remove 32:

- A) 45
- B) 44
- C) 43
- D) 44.5

[Reasoning Ability](#)

Q5. 3 boxes Apples/Oranges/Apples&Oranges all labels wrong. Draw apple from Apples&Oranges label. That box is:

- A) Apples (then deduce others)
- B) Oranges
- C) Still mixed
- D) Impossible

Q6. Series 2,6,12,20,30,? [Google paper]

- A) 36
- B) 42
- C) 40
- D) 48

Q7. Odd one 3,5,7,9,11: [Google paper]

- A) 3
- B) 5
- C) 9
- D) 11

Verbal Ability

Q8. Synonym Crucial: [Google paper]

- A) Trivial
- B) Optional
- C) Delayed
- D) Important

Q9. Antonym Expand: [Google paper]

- A) Contract
- B) Enlarge
- C) Increase
- D) Spread

Programming Logic

Q10. Unweighted maze shortest path:

- A) Dijkstra fib mandatory
- B) BFS
- C) Bellman always
- D) Binary search path id

Q11. DP interviews often start recursive then:

- A) Delete recursion
- B) Only print
- C) Memoize / tabulate
- D) Ignore complexity

Q12. Sliding window maximum structure:

- A) Sort each window
- B) Hash only
- C) Stack of primes
- D) Monotonic deque

Q13. Binary tree level order:

- A) Queue BFS
- B) Stack equals level order
- C) Dijkstra
- D) Union-find

Q14. Edit distance:

- A) Two pointers $O(1)$
- B) DP on prefixes
- C) BFS without DP
- D) Regex

Q15. Detect cycle in directed graph:

- A) Sliding window
- B) Two sum
- C) DFS colors / topo failure
- D) Kadane

Q16. Median of stream:

- A) Queue
- B) Bloom filter
- C) Trie
- D) Two heaps (max+min)

Technical MCQ

Q17. Binary search average:

- A) $O(\log n)$
- B) $O(n)$
- C) $O(n \log n)$
- D) $O(1)$

Q18. LRU best structure:

- A) Array only
- B) HashMap + DLL
- C) Heap only
- D) Queue only

Q19. Stable sort example:

- A) Quicksort typical in-place
- B) Heap sort
- C) Merge sort
- D) Selection

Q20. Page fault when:

- A) Cache hit
- B) TLB hit
- C) Disk full only
- D) Referenced page not in memory

Q21. TCP provides:

- A) Reliable ordered byte stream
- B) Always lower latency than UDP
- C) No handshake
- D) Only broadcast

Behavioral

Q22. Unethical manager request - best:

- A) Comply silently
- B) Refuse and escalate via proper channels
- C) Post secrets
- D) Ignore policy

Q23. Strong collaboration habit:

- A) Hide credit
- B) Blame teammates
- C) Share context and seek feedback
- D) Skip review

Programming Logic

Q24. When $n \leq 1e5$, aim complexity:

- A) $O(n^3)$
- B) $O(2^n)$
- C) Always exponential
- D) $O(n \log n)$ or better

Q25. Topo order exists iff graph is:

- A) DAG
- B) Has a cycle
- C) Complete undirected only
- D) Bipartite only

Quantitative Ability

Q26. HCF 13, LCM 455, one number 65. Other:

- A) 70
- B) 91
- C) 78
- D) 85

Reasoning Ability

Q27. Data sufficiency questions ask if data is:

- A) Always insufficient
- B) Ignore statements
- C) Sufficient alone/together to answer
- D) Only calculate blindly

Answer Key & Explanations

Quantitative Ability

Q1. A
Coprime.

Q2. B
 $(1.2)(0.9)-1$.

Q3. C
 $R=20$.

Q4. D
 $178/4$.

Reasoning Ability

Q5. A
Classic Google puzzle.

Q6. B
 $n(n+1)$.

Q7. C
Composite.

Verbal Ability

Q8. D
Verbal.

Q9. A
Verbal.

Programming Logic

Q10. B
Campus OA graph theme.

Q11. C
Google round pattern

Q12. D
Interview-adjacent.

Q13. A
BFS.

Q14. B
DP.

Q15. C
Graphs.

Q16. D
Heaps.

Technical MCQ

Q17. A
CS.

Q18. B
CS.

Q19. C
CS.

Q20. D
OS.

Q21. A
CN.

Behavioral

Q22. B
Googleyness-style.

Q23. C
Behavioral.

Programming Logic

Q24. D
Constraint reading.

Q25. A
Graphs.

Quantitative Ability

Q26. B
Quant.

Reasoning Ability

Q27. C
Aptitude papers.