

NVIDIA Placement Papers 2026

27 MCQs with answer key · Free download

[Exam pattern](#)

Programming and DSA-logic MCQs plus CS fundamentals and light aptitude. Live SDE screens are usually coding-first. Practice set — not an official NVIDIA paper.

Questions

[Quantitative Ability](#)

Q1. A finishes work in 10 days, B in 13 days. Days together?

- A) 6.65
- B) 5.65
- C) 11.5
- D) 10

Q2. Marked 40% above cost with 10% discount. Profit %? [NVIDIA]

- A) 26.0%
- B) 30%
- C) 40%
- D) 10%

Q3. SI on ₹13500 at 8% p.a. for 5 years?

- A) ₹1600
- B) ₹1280
- C) ₹12800
- D) ₹11400

Q4. A 210 m train crosses a pole in 7 s. Speed in km/h?

- A) 114
- B) 99
- C) 108
- D) 30

Q5. Average of 6 numbers is 55. If 48 is removed, new average? [NVIDIA]

- A) 51.5
- B) 56.4
- C) 55
- D) 7

Q6. A number rises by 25% then falls by 25%. Net % change? [NVIDIA]

- A) -6.25%
- B) 0%
- C) 25%
- D) -50%

Q7. Ratio 5:6, sum 880. Smaller part? [NVIDIA]

- A) 480
- B) 440
- C) 50
- D) 400

Q8. HCF of 14 and 27? [NVIDIA]

- A) 14
- B) 2
- C) 1
- D) 378

Logical Reasoning

Q9. Series: 5, 8, 12, 17, 23, ? [NVIDIA]

- A) 46
- B) 30
- C) 32
- D) 27

Q10. Series: 6, 18, 54, 162, ? [NVIDIA]

- A) 486
- B) 165
- C) 648
- D) 60

Q11. If DOG !' HSK (shift +4), then LAP !' ? [NVIDIA]

- A) QFU
- B) PAL
- C) lap
- D) PET

Q12. P is taller than Q, R taller than P, S shorter than Q. Tallest among P,Q,R,S? [NVIDIA]

- A) Q
- B) S
- C) R
- D) P

Q13. All servers are machines. Some machines are tools. Conclusion: Some servers are tools? [NVIDIA]

- A) Data insufficient only
- B) Does not follow
- C) Follows
- D) Either follows

Q14. Odd one out: 3, 5, 7, 11, 15 [NVIDIA]

- A) 15
- B) 3
- C) 5
- D) 11

Verbal Ability

Q15. Synonym of 'scarce': [NVIDIA]

- A) abundant
- B) plenty
- C) ample
- D) rare

Q16. Antonym of 'secure': [NVIDIA]

- A) protected
- B) locked
- C) vulnerable
- D) safe

Q17. Fill: Prefer tea ____ coffee. [NVIDIA]

- A) over
- B) to
- C) than
- D) from

Programming Logic

Q18. Pseudo: $s=0$; for $i=1$ to 6 { $s=s+i$ }. Final s ? [NVIDIA]

- A) 21
- B) 6
- C) 36
- D) 22

Q19. Best DS to check balanced parentheses in an expression? [NVIDIA]

- A) Queue
- B) Heap
- C) Hash only
- D) Stack

Q20. Binary search on a sorted array of size n is: [NVIDIA]

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

Q21. BFS traversal typically uses: [NVIDIA]

- A) Only recursion
- B) Queue
- C) Stack only
- D) Priority queue always

Q22. Recursive fib(n): fib(0)=0, fib(1)=1. fib(9) = ? [NVIDIA]

- A) 34
- B) 55
- C) 9
- D) 35

Q23. HashMap average-case get is: [NVIDIA]

- A) $O(n)$
- B) $O(n \log n)$
- C) $O(n^2)$
- D) $O(1)$

Q24. Detect cycle in a linked list efficiently with: [NVIDIA]

- A) Counting sort
- B) Dijkstra
- C) Floyd tortoise-hare
- D) Binary search

Q25. Pseudo: $x=6$; print $x++$; then print x . First printed value? [NVIDIA]

- A) 12
- B) 6
- C) 7
- D) 5

Technical MCQ

Q26. OOP polymorphism means: [NVIDIA]

- A) Same interface, different behavior
- B) Only private fields
- C) Only inheritance
- D) Only compilation

Q27. REST APIs commonly use: [NVIDIA]

- A) SMTP only
- B) FTP only
- C) ICMP only
- D) HTTP(S)

Answer Key & Explanations

Quantitative Ability

Q1. B

$1/10 + 1/13$!' 5.65 days.

Q2. A

$SP/CP = 1.2600$!' 26.0%.

Q3. D

$SI = PRT/100 = 1400$.

Q4. C

$210/7 \text{ m/s} \times 18/5 = 108 \text{ km/h}$.

Q5. B

New sum = 282; divide by 5.

Q6. A

$(1+x)(1-x)-1 = -x^2$!' -6.25%.

Q7. D

Smaller = $5/11 \times 880 = 400$.

Q8. C

$HCF(14, 27) = 1$.

Logical Reasoning

Q9. B

Differences increase; next = 30.

Q10. A

Multiply by 3 each step.

Q11. D

Each letter +4.

Q12. C

$R > P > Q > S$.

Q13. B

No forced overlap.

Q14. A

15 is not prime.

Verbal Ability

Q15. D

rare "H scarce.

Q16. C

Opposite of secure is vulnerable.

Q17. B

Correct: to.

Programming Logic

Q18. A

$1 + \dots + 6 = 21$.

Q19. D

LIFO matching.

Q20. C

Halve each step.

Q21. B

Level-order with queue.

Q22. A

fib(9)=34.

Q23. D

Amortized constant.

Q24. C

Two pointers.

Q25. B

Post-increment prints old value.

[Technical MCQ](#)

Q26. A

Polymorphism.

Q27. D

HTTP.

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