

Meta 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 Meta paper.

Questions

[Quantitative Ability](#)

Q1. A finishes work in 7 days, B in 10 days. Days together?

- A) 4.12
- B) 8.5
- C) 7
- D) 5.12

Q2. Marked 25% above cost with 25% discount. Profit %? [Meta]

- A) 0%
- B) 25%
- C) -1.25%
- D) -6.25%

Q3. SI on ₹12000 at 5% p.a. for 2 years? [Meta]

- A) ₹100
- B) ₹203
- C) ₹200
- D) ₹400

Q4. A 180 m train crosses a pole in 4 s. Speed in km/h? [Meta]

- A) 153
- B) 162
- C) 45
- D) 168

Q5. Average of 9 numbers is 40. If 34 is removed, new average? [Meta]

- A) 40.75
- B) 40
- C) 6
- D) 37.0

Q6. A number rises by 10% then falls by 10%. Net % change? [Meta]

- A) 0%
- B) 10%
- C) -20%
- D) -1.0%

Q7. Ratio 2:3, sum 250. Smaller part? [Meta]

- A) 125
- B) 20
- C) 100
- D) 150

Q8. HCF of 20 and 18? [Meta]

- A) 4
- B) 2
- C) 180
- D) 18

Logical Reasoning

Q9. Series: 2, 5, 9, 14, 20, ? [Meta]

- A) 27
- B) 29
- C) 24
- D) 40

Q10. Series: 3, 9, 27, 81, ? [Meta]

- A) 84
- B) 324
- C) 30
- D) 243

Q11. If SUN !' TVO (shift +1), then FAN !' ? [Meta]

- A) NAF
- B) fan
- C) GBO
- D) HCP

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

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

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

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

Q14. Odd one out: 3, 5, 7, 11, 9 [Meta]

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

Verbal Ability

Q15. Synonym of 'ancient': [Meta]

- A) new
- B) fresh
- C) old
- D) modern

Q16. Antonym of 'accept': [Meta]

- A) permit
- B) reject
- C) approve
- D) allow

Q17. Fill: She has been working here ____ 2015. [Meta]

- A) since
- B) for
- C) from
- D) by

Programming Logic

Q18. Pseudo: $s=0$; for $i=1$ to 3 { $s=s+i$ }. Final s ? [Meta]

- A) 3
- B) 9
- C) 7
- D) 6

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

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

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

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

Q21. BFS traversal typically uses: [Meta]

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

Q22. Recursive fib(n): fib(0)=0, fib(1)=1. fib(6) = ? [Meta]

- A) 13
- B) 6
- C) 9
- D) 8

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

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

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

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

Q25. Pseudo: $x=3$; print $x++$; then print x . First printed value? [Meta]

- A) 3
- B) 4
- C) 2
- D) 6

Technical MCQ

Q26. TCP provides: [Meta]

- A) No handshake ever
- B) Only broadcast
- C) Always faster than UDP
- D) Reliable ordered delivery

Q27. OOP polymorphism means: [Meta]

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

Answer Key & Explanations

Quantitative Ability

Q1. A

$1/7 + 1/10$!' 4.12 days.

Q2. D

$SP/CP = 0.9375$!' -6.25%.

Q3. C

$SI = PRT/100 = 200$.

Q4. B

$180/4 \text{ m/s} \times 18/5 = 162 \text{ km/h}$.

Q5. A

New sum = 326; divide by 8.

Q6. D

$(1+x)(1-x)-1 = -x^2$!' -1.0%.

Q7. C

Smaller = $2/5 \times 250 = 100$.

Q8. B

$HCF(20,18) = 2$.

Logical Reasoning

Q9. A

Differences increase; next = 27.

Q10. D

Multiply by 3 each step.

Q11. C

Each letter +1.

Q12. B

$R > P > Q > S$.

Q13. A

No forced overlap.

Q14. D

9 is not prime.

Verbal Ability

Q15. C

old "H ancient.

Q16. B

Opposite of accept is reject.

Q17. A

Correct: since.

Programming Logic

Q18. D

$1 + \dots + 3 = 6$.

Q19. C

LIFO matching.

Q20. B

Halve each step.

Q21. A

Level-order with queue.

Q22. D

fib(6)=8.

Q23. C

Amortized constant.

Q24. B

Two pointers.

Q25. A

Post-increment prints old value.

[Technical MCQ](#)

Q26. D

Reliable stream.

Q27. C

Polymorphism.

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