

Airbnb Placement Papers 2026

27 MCQs with answer key · Free download

[Exam pattern](#)

Programming/DSA logic MCQs with product/domain technical items and light aptitude. Live OA is typically coding-first. Practice set — not an official Airbnb paper.

Questions

[Quantitative Ability](#)

Q1. A finishes work in 10 days, B in 14 days. Days together?

- A) 6.83
- B) 5.83
- C) 12.0
- D) 10

Q2. Marked 25% above cost with 10% discount. Profit %?

- A) 12.5%
- B) 15%
- C) 25%
- D) 10%

Q3. SI on ₹15500 at 8% p.a. for 5 years?

- A) ₹2400
- B) ₹440
- C) ₹4400
- D) ₹2200

Q4. A 150 m train crosses a pole in 7 s. Speed in km/h?

- A) 83
- B) 68
- C) 77.1
- D) 21

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

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

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

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

Q7. Ratio 5:6, sum 770. Smaller part?

- A) 420
- B) 385
- C) 50
- D) 350

Q8. HCF of 14 and 24?

- A) 14
- B) 4
- C) 2
- D) 168

Logical Reasoning

Q9. Series: 4, 7, 11, 16, 22, ?

- A) 44
- B) 29
- C) 31
- D) 26

Q10. Series: 6, 18, 54, 162, ?

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

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

- 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? [Airbnb]

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

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

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

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

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

Verbal Ability

Q15. Synonym of 'scarce': [Airbnb]

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

Q16. Antonym of 'secure': [Airbnb]

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

Q17. Fill: Neither of the options ____ correct.

- A) have
- B) is
- C) are
- D) were

Programming Logic

Q18. Pseudo: $s=0$; for $i=1$ to 5 { $s=s+i$ }. Final s ?

- A) 15
- B) 5
- C) 25
- D) 16

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

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

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

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

Q21. BFS traversal typically uses: [Airbnb]

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

Q22. Recursive fib(n): fib(0)=0, fib(1)=1. fib(8) = ?

- A) 21
- B) 34
- C) 8
- D) 22

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

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

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

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

Q25. Pseudo: $x=5$; print $x++$; then print x . First printed value?

- A) 10
- B) 5
- C) 6
- D) 4

Technical MCQ

Q26. OOP polymorphism means: [Airbnb]

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

Q27. REST APIs commonly use: [Airbnb]

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

Answer Key & Explanations

Quantitative Ability

Q1. B

$1/10 + 1/14$!' 5.83 days.

Q2. A

$SP/CP = 1.1250$!' 12.5%.

Q3. D

$SI = PRT/100 = 2200$.

Q4. C

$150/7 \text{ m/s} \times 18/5 = 77.1 \text{ km/h}$.

Q5. B

New sum = 282; divide by 5.

Q6. A

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

Q7. D

Smaller = $5/11 \times 770 = 350$.

Q8. C

$HCF(14, 24) = 2$.

Logical Reasoning

Q9. B

Differences increase; next = 29.

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: is.

Programming Logic

Q18. A

$1 + \dots + 5 = 15$.

Q19. D

LIFO matching.

Q20. C

Halve each step.

Q21. B

Level-order with queue.

Q22. A

fib(8)=21.

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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