

Licious 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 Licious paper.

Questions

[Quantitative Ability](#)

Q1. A finishes work in 13 days, B in 21 days. Days together?

- A) 13
- B) 9.03
- C) 8.03
- D) 17.0

Q2. Marked 45% above cost with 15% discount. Profit %? [Licious]

- A) 15%
- B) 23.25%
- C) 30%
- D) 45%

Q3. SI on ₹17000 at 7% p.a. for 4 years? [Licious]

- A) ₹1960
- B) ₹2160
- C) ₹490
- D) ₹3920

Q4. A 130 m train crosses a pole in 6 s. Speed in km/h?

- A) 21
- B) 84
- C) 69
- D) 78

Q5. Average of 7 numbers is 30. If 24 is removed, new average? [Licious]

- A) 6
- B) 27.0
- C) 31.0
- D) 30

Q6. A number rises by 20% then falls by 20%. Net % change? [Licious]

- A) -40%
- B) -4.0%
- C) 0%
- D) 20%

Q7. Ratio 4:3, sum 350. Smaller part? [Licious]

- A) 200
- B) 150
- C) 175
- D) 40

Q8. HCF of 16 and 18? [Licious]

- A) 144
- B) 16
- C) 4
- D) 2

Logical Reasoning

Q9. Series: 2, 6, 11, 17, 24, ? [Licious]

- A) 29
- B) 48
- C) 32
- D) 34

Q10. Series: 5, 20, 80, 320, ? [Licious]

- A) 50
- B) 1280
- C) 324
- D) 1600

Q11. If PEN !' SHQ (shift +3), then NET !' ? [Licious]

- A) QHW
- B) RIX
- C) TEN
- D) net

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

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

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

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

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

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

Verbal Ability

Q15. Synonym of 'candid': [Licious]

- A) frank
- B) deceptive
- C) vague
- D) silent

Q16. Antonym of 'opaque': [Licious]

- A) solid
- B) dark
- C) thick
- D) transparent

Q17. Fill: She has been working here ____ 2017. [Licious]

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

Programming Logic

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

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

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

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

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

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

Q21. BFS traversal typically uses: [Licious]

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

Q22. Recursive $\text{fib}(n)$: $\text{fib}(0)=0$, $\text{fib}(1)=1$. $\text{fib}(6) = ?$ [Licious]

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

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

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

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

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

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

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

Technical MCQ

Q26. HTTP default port: [Licious]

- A) 53
- B) 80
- C) 21
- D) 25

Q27. Git command to stage all changes: [Licious]

- A) git add .
- B) git push only
- C) git merge only
- D) git stash drop

Answer Key & Explanations

Quantitative Ability

Q1. C

$1/13 + 1/21 \approx 8.03$ days.

Q2. B

$SP/CP = 1.2325 \approx 23.25\%$.

Q3. A

$SI = PRT/100 = 1960$.

Q4. D

$130/6 \text{ m/s} \times 18/5 = 78 \text{ km/h}$.

Q5. C

New sum = 186; divide by 6.

Q6. B

$(1+x)(1-x)-1 = -x^2 \approx -4.0\%$.

Q7. A

Smaller = $4/7 \times 350 = 200$.

Q8. D

$HCF(16, 18) = 2$.

Logical Reasoning

Q9. C

Differences increase; next = 32.

Q10. B

Multiply by 4 each step.

Q11. A

Each letter +3.

Q12. D

$R > P > Q > S$.

Q13. C

No forced overlap.

Q14. B

9 is not prime.

Verbal Ability

Q15. A

frank "H candid.

Q16. D

Opposite of opaque is transparent.

Q17. C

Correct: since.

Programming Logic

Q18. B

$1 + \dots + 3 = 6$.

Q19. A

LIFO matching.

Q20. D

Halve each step.

Q21. C

Level-order with queue.

Q22. B

fib(6)=8.

Q23. A

Amortized constant.

Q24. D

Two pointers.

Q25. C

Post-increment prints old value.

Technical MCQ

Q26. B

Port 80.

Q27. A

git add.

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