

NTPC Placement Papers 2026

27 MCQs with answer key · Free download

[Exam pattern](#)

Quantitative, Reasoning, Verbal, and Technical fundamentals MCQs in classic placement-paper style. Practice set — not an official NTPC paper.

Questions

[Quantitative Ability](#)

Q1. A finishes work in 16 days, B in 8 days. Days together?

- A) 8
- B) 5.33
- C) 12.0
- D) 16

Q2. Marked 45% above cost with 30% discount. Profit %? [NTPC]

- A) 1.5%
- B) 15%
- C) 45%
- D) 30%

Q3. SI on ₹500 at 12% p.a. for 5 years? [NTPC]

- A) ₹900
- B) ₹1140
- C) ₹11400
- D) ₹5700

Q4. A 130 m train crosses a pole in 11 s. Speed in km/h?

- A) 49
- B) 34
- C) 42.5
- D) 11

Q5. Average of 10 numbers is 75. If 66 is removed, new average?

- A) 70.5
- B) 76.0
- C) 75
- D) 9

Q6. A number rises by 45% then falls by 45%. Net % change? [NTPC]

- A) -20.25%
- B) 0%
- C) 45%
- D) -90%

Q7. Ratio 5:3, sum 400. Smaller part? [NTPC]

- A) 150
- B) 200
- C) 50
- D) 250

Q8. HCF of 22 and 18? [NTPC]

- A) 18
- B) 4
- C) 2
- D) 198

Logical Reasoning

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

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

Q10. Series: 6, 24, 96, 384, ? [NTPC]

- A) 1536
- B) 388
- C) 1920
- D) 60

Q11. If KEY !' OIC (shift +4), then JAR !' ? [NTPC]

- A) OFW
- B) RAJ
- C) jar
- D) NEV

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

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

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

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

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

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

Verbal Ability

Q15. Synonym of 'brief': [NTPC]

- A) lengthy
- B) verbose
- C) long
- D) concise

Q16. Antonym of 'scarce': [NTPC]

- A) limited
- B) sparse
- C) abundant
- D) rare

Q17. Fill: She has been working here ____ 2022. [NTPC]

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

Programming Logic

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

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

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

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

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

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

Q21. BFS traversal typically uses: [NTPC]

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

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

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

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

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

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

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

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

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

Technical MCQ

Q26. SQL INNER JOIN returns: [NTPC]

- A) Matching rows from both tables
- B) All left rows only
- C) Cartesian always
- D) Only NULLs

Q27. HTTP default port: [NTPC]

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

Answer Key & Explanations

Quantitative Ability

Q1. B

$1/16 + 1/8$!' 5.33 days.

Q2. A

$SP/CP = 1.0150$!' 1.5%.

Q3. D

$SI = PRT/100 = 5700$.

Q4. C

$130/11 \text{ m/s} \times 18/5 = 42.5 \text{ km/h}$.

Q5. B

New sum=684; divide by 9.

Q6. A

$(1+x)(1-x)-1 = -x^2$!' -20.25%.

Q7. D

Smaller = $5/8 \times 400 = 250$.

Q8. C

$HCF(22,18)=2$.

Logical Reasoning

Q9. B

Differences increase; next = 32.

Q10. A

Multiply by 4 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

concise "H brief.

Q16. C

Opposite of scarce is abundant.

Q17. B

Correct: since.

Programming Logic

Q18. A

$1 + \dots + 3 = 6$.

Q19. D

LIFO matching.

Q20. C

Halve each step.

Q21. B

Level-order with queue.

Q22. A

fib(6)=8.

Q23. D

Amortized constant.

Q24. C

Two pointers.

Q25. B

Post-increment prints old value.

Technical MCQ

Q26. A

Inner join.

Q27. D

Port 80.

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