

Mu Sigma Placement Papers 2026

27 MCQs with answer key · Free download

[Exam pattern](#)

Aptitude (Quant + Reasoning + Verbal) and Analytical/Technical MCQs aligned to consulting campus assessments. Practice set — not an official Mu Sigma paper.

Questions

[Quantitative Ability](#)

Q1. A finishes work in 8 days, B in 25 days. Days together?

- A) 6.06
- B) 16.5
- C) 8
- D) 7.06

Q2. Marked 60% above cost with 15% discount. Profit %? [Mu Sigma]

- A) 45%
- B) 60%
- C) 15%
- D) 36.0%

Q3. SI on ₹16000 at 5% p.a. for 2 years? [Mu Sigma]

- A) ₹300
- B) ₹1200
- C) ₹600
- D) ₹800

Q4. A 160 m train crosses a pole in 4 s. Speed in km/h? [Mu Sigma]

- A) 135
- B) 144
- C) 40
- D) 150

Q5. Average of 7 numbers is 60. If 51 is removed, new average? [Mu Sigma]

- A) 61.5
- B) 60
- C) 9
- D) 55.5

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

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

Q7. Ratio 2:6, sum 640. Smaller part? [Mu Sigma]

- A) 320
- B) 20
- C) 160
- D) 480

Q8. HCF of 16 and 27? [Mu Sigma]

- A) 2
- B) 1
- C) 432
- D) 16

Logical Reasoning

Q9. Series: 5, 9, 14, 20, 27, ? [Mu Sigma]

- A) 35
- B) 37
- C) 32
- D) 54

Q10. Series: 3, 12, 48, 192, ? [Mu Sigma]

- A) 196
- B) 960
- C) 30
- D) 768

Q11. If PEN !' QFO (shift +1), then NET !' ? [Mu Sigma]

- A) TEN
- B) net
- C) OFU
- D) PGV

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

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

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

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

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

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

Verbal Ability

Q15. Synonym of 'candid': [Mu Sigma]

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

Q16. Antonym of 'rigid': [Mu Sigma]

- A) fixed
- B) flexible
- C) stiff
- D) hard

Q17. Fill: Prefer tea ____ coffee. [Mu Sigma]

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

Programming Logic

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

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

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

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

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

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

Q21. BFS traversal typically uses: [Mu Sigma]

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

Q22. Recursive $\text{fib}(n)$: $\text{fib}(0)=0$, $\text{fib}(1)=1$. $\text{fib}(9) = ?$ [Mu Sigma]

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

Q23. HashMap average-case get is: [Mu Sigma]

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

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

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

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

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

Technical MCQ

Q26. OS thrashing means: [Mu Sigma]

- A) Disk always empty
- B) Cache always hits
- C) No processes
- D) Excessive paging hurting CPU

Q27. SQL INNER JOIN returns: [Mu Sigma]

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

Answer Key & Explanations

Quantitative Ability

Q1. A

$1/8 + 1/25$!' 6.06 days.

Q2. D

$SP/CP = 1.3600$!' 36.0%.

Q3. C

$SI = PRT/100 = 600$.

Q4. B

$160/4 \text{ m/s} \times 18/5 = 144 \text{ km/h}$.

Q5. A

New sum=369; divide by 6.

Q6. D

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

Q7. C

Smaller = $2/8 \times 640 = 160$.

Q8. B

$HCF(16,27)=1$.

Logical Reasoning

Q9. A

Differences increase; next = 35.

Q10. D

Multiply by 4 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

frank "H candid.

Q16. B

Opposite of rigid is flexible.

Q17. A

Correct: to.

Programming Logic

Q18. D

$1 + \dots + 6 = 21$.

Q19. C

LIFO matching.

Q20. B

Halve each step.

Q21. A

Level-order with queue.

Q22. D

fib(9)=34.

Q23. C

Amortized constant.

Q24. B

Two pointers.

Q25. A

Post-increment prints old value.

[Technical MCQ](#)

Q26. D

Thrashing.

Q27. C

Inner join.

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