

ServiceNow 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 ServiceNow paper.

Questions

[Quantitative Ability](#)

Q1. A finishes work in 9 days, B in 8 days. Days together?

- A) 8.5
- B) 9
- C) 8
- D) 4.24

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

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

Q3. SI on ₹14500 at 10% p.a. for 3 years? [ServiceNow]

- A) ₹2700
- B) ₹1350
- C) ₹1550
- D) ₹1450

Q4. A 130 m train crosses a pole in 9 s. Speed in km/h?

- A) 52
- B) 14
- C) 58
- D) 43

Q5. Average of 10 numbers is 45. If 34 is removed, new average?

- A) 45
- B) 11
- C) 39.5
- D) 46.22

Q6. A number rises by 35% then falls by 35%. Net % change? [ServiceNow]

- A) 35%
- B) -70%
- C) -12.25%
- D) 0%

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

- A) 30
- B) 150
- C) 200
- D) 175

Q8. HCF of 22 and 18? [ServiceNow]

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

Logical Reasoning

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

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

Q10. Series: 4, 16, 64, 256, ? [ServiceNow]

- A) 1280
- B) 40
- C) 1024
- D) 260

Q11. If KEY !' MGA (shift +2), then JAR !' ? [ServiceNow]

- A) jar
- B) LCT
- C) MDU
- D) RAJ

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

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

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

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

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

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

Verbal Ability

Q15. Synonym of 'brief': [ServiceNow]

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

Q16. Antonym of 'accept': [ServiceNow]

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

Q17. Fill: She has been working here ____ 2020. [ServiceNow]

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

Programming Logic

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

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

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

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

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

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

Q21. BFS traversal typically uses: [ServiceNow]

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

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

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

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

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

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

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

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

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

Technical MCQ

Q26. Git command to stage all changes: [ServiceNow]

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

Q27. OS thrashing means: [ServiceNow]

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

Answer Key & Explanations

Quantitative Ability

Q1. D

$1/9 + 1/8$!' 4.24 days.

Q2. C

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

Q3. B

$SI = PRT/100 = 1350$.

Q4. A

$130/9 \text{ m/s} \times 18/5 = 52 \text{ km/h}$.

Q5. D

New sum = 416; divide by 9.

Q6. C

$(1+x)(1-x)-1 = -x^2$!' -12.25%.

Q7. B

Smaller = $3/7 \times 350 = 150$.

Q8. A

$HCF(22, 18) = 2$.

Logical Reasoning

Q9. D

Differences increase; next = 32.

Q10. C

Multiply by 4 each step.

Q11. B

Each letter +2.

Q12. A

$R > P > Q > S$.

Q13. D

No forced overlap.

Q14. C

15 is not prime.

Verbal Ability

Q15. B

concise "H brief.

Q16. A

Opposite of accept is reject.

Q17. D

Correct: since.

Programming Logic

Q18. C

$1 + \dots + 3 = 6$.

Q19. B

LIFO matching.

Q20. A

Halve each step.

Q21. D

Level-order with queue.

Q22. C

fib(6)=8.

Q23. B

Amortized constant.

Q24. A

Two pointers.

Q25. D

Post-increment prints old value.

[Technical MCQ](#)

Q26. C

git add.

Q27. B

Thrashing.

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