

## BYJU'S 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 BYJU'S paper.

### Questions

#### [Quantitative Ability](#)

Q1. A finishes work in 17 days, B in 10 days. Days together?

- A) 6.3
- B) 13.5
- C) 17
- D) 10

Q2. Marked 60% above cost with 15% discount. Profit %? [BYJU'S]

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

Q3. SI on ₹16000 at 5% p.a. for 2 years? [BYJU'S]

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

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

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

Q5. Average of 7 numbers is 60. If 51 is removed, new average? [BYJU'S]

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

Q6. A number rises by 10% then falls by 10%. Net % change? [BYJU'S]

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

Q7. Ratio 2:6, sum 640. Smaller part? [BYJU'S]

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

Q8. HCF of 16 and 27?

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

### Logical Reasoning

Q9. Series: 5, 9, 14, 20, 27, ?

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

Q10. Series: 3, 12, 48, 192, ? [BYJU'S]

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

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

- 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? [BYJU'S]

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

Q13. All servers are machines. Some machines are tools. Conclusion: Some servers are tools? [BYJU'S]

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

Q14. Odd one out: 3, 5, 7, 11, 9 [BYJU'S]

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

### Verbal Ability

Q15. Synonym of 'candid': [BYJU'S]

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

Q16. Antonym of 'rigid': [BYJU'S]

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

Q17. Fill: Prefer tea \_\_\_\_ coffee. [BYJU'S]

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

### Programming Logic

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

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

Q19. Best DS to check balanced parentheses in an expression? [BYJU'S]

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

Q20. Binary search on a sorted array of size  $n$  is: [BYJU'S]

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

Q21. BFS traversal typically uses: [BYJU'S]

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

Q22. Recursive fib( $n$ ): fib(0)=0, fib(1)=1. fib(9) = ? [BYJU'S]

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

Q23. HashMap average-case get is: [BYJU'S]

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

Q24. Detect cycle in a linked list efficiently with: [BYJU'S]

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

Q25. Pseudo:  $x=6$ ; print  $x++$ ; then print  $x$ . First printed value? [BYJU'S]

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

### Technical MCQ

Q26. OS thrashing means: [BYJU'S]

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

Q27. SQL INNER JOIN returns: [BYJU'S]

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

## Answer Key & Explanations

### Quantitative Ability

Q1. A

$1/17 + 1/10$  !' 6.3 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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