

Razorpay Placement Papers 2026

27 MCQs with answer key · Free download

[Exam pattern](#)

Programming Logic for DSA OA themes, Technical MCQs with payments/API flavor, and light Quantitative/Reasoning. Live OA is coding-first. Practice set — not an official Razorpay paper.

Questions

[Programming Logic](#)

Q1. Idempotency key store: map key!'response. On retry:

- A) Return cached response
- B) Charge again
- C) Drop request silently always
- D) Sort keys

Q2. Validate nested JSON brackets/braces:

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

Q3. Rate of API: max requests in last 60s window:

- A) Sliding window / deque timestamps
- B) DFS
- C) Dijkstra
- D) KMP

Q4. Find duplicate invoices among n IDs:

- A) Hash set
- B) Binary search unsorted
- C) Selection
- D) Prim

Q5. Min coins for amount (unlimited denominations) classic:

- A) DP coin change
- B) BFS on tree only
- C) Quick sort
- D) Two pointers only

Q6. LRU cache hit/miss needs:

- A) HashMap + Doubly linked list
- B) Array only $O(n)$
- C) Stack only
- D) Queue only

Q7. Serialize binary tree of fee hierarchy:

- A) Preorder + null markers / BFS levels
- B) Bubble sort
- C) Hash only
- D) Stack reverse only

Q8. Word break of merchant descriptor uses:

- A) DP / trie
- B) Dijkstra
- C) Prim
- D) Counting sort

Q9. Interval merge of settlement windows:

- A) Sort + merge $O(n \log n)$
- B) DFS
- C) BFS
- D) Heap sort only without merge

Technical MCQ

Q10. Webhook delivery should be:

- A) Idempotent on receiver
- B) Exactly one TCP packet
- C) UDP only
- D) CSS only

Q11. PCI-DSS relates to:

- A) Card data security standards
- B) CSS colors
- C) DNSSEC only
- D) GPU

Q12. HMAC verifies:

- A) Message integrity + authenticity with secret
- B) Only compression
- C) Only HTML
- D) Only fonts

Q13. Optimistic UI + eventual consistency risk:

- A) Stale reads until sync
- B) Faster DNS always
- C) No concurrency
- D) No DB

Q14. API versioning often via:

- A) URL path or headers
- B) CPU registers
- C) Swap file
- D) BIOS

Q15. Connection pooling helps:

- A) Reuse DB connections
- B) Compile faster always
- C) Larger images
- D) More fonts

Quantitative Ability

Q16. Gateway fee 2% on 5000:

- A) 100
- B) 50
- C) 150
- D) 200

Q17. Successive discounts 10% then 20% on 1000 MP:

- A) 720
- B) 700
- C) 800
- D) 750

Q18. Work: 8 men 12 days. 6 men need:

- A) 16 days
- B) 10
- C) 14
- D) 18

Logical Reasoning

Q19. Series: 1, 2, 6, 24, 120, ?

- A) 720
- B) 600
- C) 480
- D) 840

Q20. Letter values A=1..Z=26. Sum of letters in API is:

- A) 26
- B) 34
- C) 25
- D) 16

Verbal Ability

Q21. Synonym of 'gateway':

- A) entry / portal
- B) compiler
- C) mutex
- D) pixel

Q22. Antonym of 'authorize':

- A) deny / forbid
- B) approve
- C) permit
- D) allow

Programming Logic

Q23. Trie useful for:

- A) Prefix search of card BINs / routes
- B) Sorting floats only
- C) BFS unweighted only
- D) Dijkstra

Q24. Top-K frequent error codes:

- A) Hash count + heap
- B) DFS only
- C) Binary search
- D) Selection only

Technical MCQ

Q25. Saga pattern used for:

- A) Distributed multi-step transactions
- B) Single local if
- C) CSS animation
- D) Font load

Q26. TLS termination often at:

- A) Load balancer / reverse proxy
- B) Client GPU
- C) BIOS
- D) DNS root only

Programming Logic

Q27. Detect cycle in undirected settlement graph:

- A) DFS/BFS parent tracking
- B) Binary search
- C) Counting sort
- D) KMP

Answer Key & Explanations

Programming Logic

Q1. A
Idempotent.

Q2. A
Stack.

Q3. A
Window.

Q4. A
Set.

Q5. A
Coin DP.

Q6. A
LRU.

Q7. A
Serialize.

Q8. A
Word break.

Q9. A
Merge intervals.

Technical MCQ

Q10. A
Webhooks.

Q11. A
PCI.

Q12. A
HMAC.

Q13. A
Consistency.

Q14. A
Versioning.

Q15. A
Pool.

Quantitative Ability

Q16. A
 0.02×5000 .

Q17. A
 $1000 \times 0.9 \times 0.8$.

Q18. A
 $8 \times 12 / 6 = 16$.

Logical Reasoning

Q19. A
 $n!$.

Q20. A
 $A1+P16+I9=26$.

Verbal Ability

Q21. A
Portal.

Q22. A
Deny.

Programming Logic

Q23. A
Trie.

Q24. A
Heap.

Technical MCQ

Q25. A
Saga.

Q26. A
LB.

Programming Logic

Q27. A
DFS parent.