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Adobe Placement Papers 2026

27 MCQs with answer key · Free download

Exam pattern

Quantitative, Logical, and Verbal items plus Programming Logic and Technical MCQs. Live SDE process is coding-heavy. Practice set — not an official Adobe paper.

Questions

Quantitative Ability

Q1. HCF of 36 and 60:

A) 12
B) 18
C) 6
D) 24

Q2. 20% of 350:

A) 70
B) 60
C) 80
D) 50

Q3. A finishes in 8 days, B in 12. Together:

A) 4.8 days
B) 10
C) 6
D) 5

Q4. CI principle 5000, 10% 2 yrs:

A) 6050
B) 5500
C) 6000
D) 5100

Logical Reasoning

Q5. Series: 8, 27, 64, 125, ?

A) 216
B) 196
C) 225
D) 343

Q6. Odd one: HTML, CSS, SQL, Photoshop

A) Photoshop
B) HTML
C) CSS
D) SQL

Q7. If RED=27 (R18+E5+D4), BLUE sum=

A) 40
B) 39
C) 38
D) 42

Verbal Ability

Q8. Synonym of 'render':

A) depict / generate
B) delete
C) compile only
D) encrypt only

Q9. Antonym of 'opaque':

A) transparent
B) solid
C) dark
D) thick

Q10. Fill: The designer is adept ___ illustration.

A) at
B) in
C) on
D) by

Programming Logic

Q11. Implement undo stack of edits:

A) Stack LIFO
B) Queue FIFO
C) Hash only
D) Heap

Q12. Flood fill bucket tool algorithm:

A) DFS/BFS from seed
B) Dijkstra
C) Binary search
D) Quick sort

Q13. Histogram of pixel intensities:

A) Count array O(n)
B) DFS
C) Prim
D) Bellman

Q14. Merge overlapping time ranges on timeline:

A) Sort + merge
B) Stack reverse
C) Trie
D) KMP

Q15. LRU for recently opened files:

A) Hash + DLL
B) Array scan only
C) BFS
D) DFS

Q16. Compress RLE of bitmaps idea:

A) Run-length encoding
B) Dijkstra
C) Topo
D) Heap sort

Q17. Check if two documents are anagrams of char bags:

A) Freq count
B) BFS
C) Dijkstra
D) Prim

Q18. Lowest common ancestor in design tree:

A) Tree LCA algorithms
B) Sorting
C) Hash only
D) Queue only

Q19. Max product subarray uses:

A) DP tracking min/max
B) BFS
C) DFS only
D) Binary search

Technical MCQ

Q20. Raster vs vector:

A) Raster pixels; vector paths
B) Same always
C) Raster always smaller
D) Vector cannot scale

Q21. Color depth 24-bit RGB means:

A) ~16.7M colors
B) 2 colors
C) 256 only
D) 4 colors

Q22. MVC separates:

A) Model View Controller concerns
B) Only DB shards
C) Only DNS
D) Only TLS

Q23. Garbage collection frees:

A) Unreachable heap objects
B) Stack frames manually always
C) DNS cache only
D) GPU shaders only

Q24. Event loop in UI apps handles:

A) Async UI events
B) Only SQL joins
C) Only IP routing
D) Only RAID

Q25. CSS box model includes:

A) Content padding border margin
B) Only fonts
C) Only DB
D) Only TCP

Programming Logic

Q26. Binary search on sorted layer IDs complexity:

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

Q27. Priority queue of export jobs by deadline:

A) Heap
B) Stack
C) Queue FIFO only
D) Array unsorted only

Answer Key & Explanations

Quantitative Ability

Q1. A
HCF.

Q2. A
0.2*350.

Q3. A
1/8+1/12=5/24 !' 24/5=4.8.

Q4. A
5000*1.21=6050.

Logical Reasoning

Q5. A
Cubes 2^3..6^3.

Q6. A
App vs languages (debatable but Photoshop tool).

Q7. A
2+12+21+5=40.

Verbal Ability

Q8. A
Render.

Q9. A
Transparent.

Q10. A
Adept at.

Programming Logic

Q11. A
Undo stack.

Q12. A
Flood fill.

Q13. A
Histogram.

Q14. A
Intervals.

Q15. A
LRU.

Q16. A
RLE.

Q17. A
Count.

Q18. A
LCA.

Q19. A
Max product.

Technical MCQ

Q20. A
Basics.

Q21. A
24-bit.

Q22. A
MVC.

Q23. A
GC.

Q24. A
Events.

Q25. A
Box model.

Programming Logic

Q26. A
Log n.

Q27. A
Heap.