

Amazon Placement Papers 2026

15 MCQs with answer key · Free download

Questions

Q1. [CS Fundamentals] Average time complexity of binary search on a sorted array is: [Amazon paper]

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

Q2. [CS Fundamentals] Which data structure is best for LRU cache? [Amazon paper]

- A) HashMap + Doubly Linked List
- B) Array only
- C) Binary heap only
- D) Queue only

Q3. [Reasoning] You have 3 boxes: apples, oranges, apples&oranges - all labeled wrong. You pick one fruit from the box labeled apples&oranges. It is an apple. Correct labels? [Amazon paper]

- A) apples; oranges; apples&oranges respectively after remapping
- B) Cannot determine
- C) All stay wrong
- D) Only apples correct

Q4. [Quantitative] HCF of 7 and 22 is:

- A) 1
- B) 154
- C) 7
- D) 22

Q5. [Verbal] The company's profits have been _____ steadily over the past year.

- A) None of these
- B) declining
- C) Not clear
- D) All of these

Q6. [Reasoning] Odd one out: 121, 144, 169, 196, 225

- A) 157
- B) 396
- C) 196
- D) 235

Q7. [Quantitative] HCF of 13 and 11 is:

- A) 1
- B) 143
- C) 13
- D) 11

Q8. [Quantitative] HCF of 5 and 14 is:

- A) 1
- B) 70
- C) 5
- D) 14

Q9. [Verbal] A man sells an article at a loss of 10%. If he had sold it for ₹45 more, he would have gained 5%. Find the cost price.

- A) ₹360
- B) ₹240
- C) ₹300
- D) ₹500

Q10. [Quantitative] HCF of 12 and 8 is:

- A) 4
- B) 24
- C) 12
- D) 8

Q11. [Verbal] Choose the synonym of "Robust":

- A) Strong
- B) Weak
- C) Fragile
- D) Frail

Q12. [Quantitative] HCF of 2 and 24 is:

- A) 2
- B) 24
- C) 4
- D) 5

Q13. [Reasoning] Odd one out: 8, 27, 64, 100

- A) 100
- B) 8
- C) 27
- D) 64

Q14. [Verbal] Choose correctly spelled word:

- A) Necessary
- B) Neccessary
- C) Necesary
- D) Neceserry

Q15. [Quantitative] HCF of 12 and 17 is:

- A) 1
- B) 204
- C) 12
- D) 17

Answer Key & Explanations

Q1. A

Halves search space each step.

Q2. A

$O(1)$ lookup + $O(1)$ move-to-front.

Q3. A

Classic Google/Microsoft puzzle pattern: labeled mixed is actually apples.

Q4. A

$\gcd(7,22)=1$.

Q5. B

Correct answer: declining

Q6. C

Others are odd squares.

Q7. A

$\gcd(13,11)=1$.

Q8. A

$\gcd(5,14)=1$.

Q9. C

Correct answer: 1300

Q10. A

$\gcd(12,8)=4$.

Q11. A

Robust "H Strong.

Q12. A

$\gcd(2,24)=2$.

Q13. A

Others are perfect cubes.

Q14. A

Correct spelling is Necessary.

Q15. A

$\gcd(12,17)=1$.