

Bloomberg 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: [Bloomberg 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? [Bloomberg 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? [Bloomberg paper]

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

Q4. [Quantitative] Price rises 25%. By what % should consumption fall to keep expenditure same?

- A) 20%
- B) 25%
- C) 16%
- D) 30%

Q5. [Quantitative] HCF of 24 and 2 is:

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

Q6. [Verbal] Antonym of "Arrival":

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

Q7. [Reasoning] In each question a set of six statements is given. Identify the answer choice in which the statements are logically related. A: All green is blue B: All green is white C: All green is black D: All black is white E: All blue is yellow F: All blue is white

- A) None follows
- B) Cannot be determined
- C) ABF
- D) Data inadequate

Q8. [Verbal] Synonym of "Lucid":

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

Q9. [Verbal] Choose the synonym of "Obsolete":

- A) Outdated
- B) Modern
- C) Fresh
- D) Current

Q10. [Quantitative] HCF of 3 and 11 is:

- A) 1
- B) 33
- C) 3
- D) 11

Q11. [Quantitative] A man spends 80% of his income. If his income increases by 25% and his expenditure increases by 20%, what is the percentage increase in his savings?

- A) 41%
- B) 47%
- C) 45%
- D) 49%

Q12. [Quantitative] HCF of 21 and 13 is:

- A) 1
- B) 273
- C) 21
- D) 13

Q13. [Verbal] Choose the synonym of "Tedious":

- A) Boring
- B) Exciting
- C) Fun
- D) Lively

Q14. [Quantitative] HCF of 5 and 16 is:

- A) 1
- B) 80
- C) 5
- D) 16

Q15. [Reasoning] If every letter is shifted +2 in the alphabet, MOON becomes:

- A) OQQP
- B) Cannot be determined
- C) None follows
- D) Data inadequate

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

Reduction = $r/(100+r) \times 100 = 25/125 \times 100 = 20\%$.

Q5. A

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

Q6. A

Arrival !" departure.

Q7. C

Correct answer: ABF

Q8. C

Lucid means clear.

Q9. A

Obsolete "H Outdated.

Q10. A

$\gcd(3,11)=1$.

Q11. C

Let income = ₹100 Expenditure = ₹80, Savings = ₹20 New income = ₹125 New expenditure = ₹80 + 20% = ₹96 New savings = ₹125 - ₹96 = ₹29 Increase in savings = ₹29 - ₹20 = ₹9 Percentage increase = $(9/20) \times 100 = 45\%$

Q12. A

$\gcd(21,13)=1$.

Q13. A

Tedious "H Boring.

Q14. A

$\gcd(5,16)=1$.

Q15. A

Each letter +2 !" OQQP.