

BARC Placement Papers 2026

15 MCQs with answer key · Free download

Questions

Q1. [Quantitative] A machine produces 120 units/hour. How many hours for 900 units with 10% downtime? [BARC paper]

- A) 8.33 hrs
- B) 7.5 hrs
- C) 9 hrs
- D) 8 hrs

Q2. [Technical] Which principle minimizes defects by detecting errors early in engineering processes? [BARC paper]

- A) Shift-left quality
- B) Big-bang testing only
- C) Ignore unit tests
- D) Defer QA

Q3. [Quantitative] HCF of 15 and 11 is:

- A) 1
- B) 165
- C) 15
- D) 11

Q4. [Verbal] There _____ many books on the table.

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

Q5. [Reasoning] If every letter is shifted +2 in the alphabet, DOG becomes:

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

Q6. [Verbal] A trader sells an article at a profit of 25%. If he had bought it at 10% less and sold it for ₹15 less, he would have gained 30%. Find the cost price of the article.

- A) ₹225
- B) ₹150
- C) ₹187.50
- D) ₹388

Q7. [Reasoning] Some doctors are rich. All rich people are happy. Conclusions: I. Some doctors are happy. II. All happy people are doctors.

- A) Only I follows
- B) Both follow
- C) Neither follows
- D) Option 3

Q8. [Quantitative] HCF of 23 and 2 is:

- A) 1
- B) 46
- C) 23
- D) 2

Q9. [Quantitative] HCF of 8 and 17 is:

- A) 1
- B) 136
- C) 8
- D) 17

Q10. [Verbal] Antonym of "Include":

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

Q11. [Verbal] The idiom "break the ice" means:

- A) None of these
- B) All of these
- C) Not clear
- D) Start a conversation

Q12. [Quantitative] HCF of 16 and 13 is:

- A) 1
- B) 208
- C) 16
- D) 13

Q13. [Reasoning] Find the missing number: 5, 11, 23, 47, 95, ?

- A) 191
- B) 229
- C) 153
- D) 391

Q14. [Reasoning] Which of the following is the next term in the series: 2, 6, 12, 20, 30, ?

- A) 42
- B) 34
- C) 50
- D) 242

Q15. [Quantitative] If "INFOSYS" is coded as "SYFOSNI", how is "SYSTEM" coded?

- A) Cannot be determined
- B) Data inadequate
- C) None of these
- D) METSYS

Answer Key & Explanations

Q1. A

Effective 108/hr !' 900/108 "H 8.33.

Q2. A

Common PSU/core interview quality theme.

Q3. A

$\gcd(15,11)=1$.

Q4. C

Many books !' plural.

Q5. C

Each letter +2 !' FQI.

Q6. C

Let actual CP = x Actual SP = $1.25x$ (25% profit) New CP = $0.9x$ (10% less) New SP = $1.25x - 15$ New Profit = $(1.25x - 15) - 0.9x = 0.35x - 15$ New Profit % = $((0.35x - 15)/0.9x) \times 100 = 30$ $(0.35x - 15)/0.9x = 0.30$ $0.35x - 15 = 0.27x$ $0.08x = 15$ $x = 187.50$

Q7. A

Some doctors are rich !' happy; II does not follow.

Q8. A

$\gcd(23,2)=1$.

Q9. A

$\gcd(8,17)=1$.

Q10. A

Include !" exclude.

Q11. D

It means: start a conversation.

Q12. A

$\gcd(16,13)=1$.

Q13. A

Correct answer: 191

Q14. A

Pattern: Differences are 4, 6, 8, 10 (consecutive even numbers) Next difference = 12 Next term = $30 + 12 = 42$ Alternative pattern: $n(n+1)$ where n starts from 1 $1 \times 2 = 2$, $2 \times 3 = 6$, $3 \times 4 = 12$, $4 \times 5 = 20$, $5 \times 6 = 30$, $6 \times 7 = 42$

Q15. D

Pattern: Letters are reversed INFOSYS !' SYFOSNI (reversed) SYSTEM !' METSYS (reversed)