

BEL 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? [BEL 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? [BEL paper]

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

Q3. [Quantitative] Find compound interest on ₹10,000 for 2 years at 10% per annum, compounded annually.

- A) ₹2,520
- B) ₹1,680
- C) ₹2,100
- D) ₹2,300

Q4. [Quantitative] HCF of 18 and 6 is:

- A) 6
- B) 18
- C) 8
- D) 9

Q5. [Verbal] Antonym of "Permanent":

- A) Brief
- B) Lasting
- C) Stable
- D) Fixed

Q6. [Verbal] Identify the error type: "He don't know the answer."

- A) Subject-verb agreement
- B) Tense
- C) Article
- D) No error

Q7. [Reasoning] Odd one out: Square, Circle, Triangle, Cube

- A) Square
- B) Circle
- C) Triangle
- D) Cube

Q8. [Reasoning] Statements: All roses are flowers. Some flowers are red. Conclusions: I. Some roses are red. II. All red things are roses.

- A) None follows
- B) Data inadequate
- C) Only conclusion I follows
- D) Cannot be determined

Q9. [Verbal] Find antonym of "Generous"

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

Q10. [Verbal] She _____ to the office every day by metro.

- A) goes
- B) go
- C) going
- D) gone

Q11. [Quantitative] HCF of 7 and 11 is:

- A) 1
- B) 77
- C) 7
- D) 11

Q12. [Reasoning] Statements: Some cats are dogs. All dogs are animals. Conclusion: Some cats are animals. Is the conclusion valid?

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

Q13. [Quantitative] HCF of 16 and 15 is:

- A) 1
- B) 240
- C) 16
- D) 15

Q14. [Reasoning] If letter positions are summed ($A=1 \dots Z=26$), PEN equals:

- A) 28
- B) 35
- C) 235
- D) 42

Q15. [Quantitative] HCF of 24 and 7 is:

- A) 1
- B) 168
- C) 24
- D) 7

Answer Key & Explanations

Q1. A

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

Q2. A

Common PSU/core interview quality theme.

Q3. C

Amount = $P(1 + R/100)^n$ Amount = $10000(1 + 10/100)^2 = 10000 \times 1.1^2 = 10000 \times 1.21 = 12100$ CI = Amount - Principal = $12100 - 10000 = 12100$

Q4. A

$\gcd(18,6)=6$.

Q5. A

Permanent !" temporary/brief.

Q6. A

He doesn't / does not - subject-verb agreement.

Q7. D

Cube is 3D; others are 2D shapes.

Q8. C

Analyzing the statements: - All roses are flowers (A !' B) - Some flowers are red (B !' C, some) Conclusion I: Some roses are red - Valid Conclusion II: All red things are roses - Invalid

Q9. D

Correct answer: Stingy

Q10. A

Correct form: goes.

Q11. A

$\gcd(7,11)=1$.

Q12. A

Correct answer: Valid

Q13. A

$\gcd(16,15)=1$.

Q14. B

Sum of positions = 35.

Q15. A

$\gcd(24,7)=1$.