

ABB 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?

- 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?

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

Q3. [Quantitative] A train 150 meters long passes a platform 200 meters long in 20 seconds. Find the speed of the train in km/hr.

- A) 76 km/hr
- B) 263 km/hr
- C) 50 km/hr
- D) 63 km/hr

Q4. [Quantitative] HCF of 7 and 18 is:

- A) 1
- B) 126
- C) 7
- D) 18

Q5. [Verbal] Choose the synonym of "Impeccable":

- A) Flawless
- B) Faulty
- C) Rough
- D) Crude

Q6. [Quantitative] HCF of 6 and 10 is:

- A) 2
- B) 30
- C) 6
- D) 10

Q7. [Quantitative] HCF of 24 and 10 is:

- A) 2
- B) 120
- C) 24
- D) 10

Q8. [Reasoning] Find the next number: 3, 9, 27, 81, ?

- A) 443
- B) 243
- C) 194
- D) 292

Q9. [Reasoning] Problem: What is the value of x ? Statement 1: $x^2 = 16$ Statement 2: $x > 0$

- A) Both statements together are sufficient
- B) Cannot be determined
- C) None follows
- D) Data inadequate

Q10. [Verbal] Problem: Choose the correct sentence: a) He is a honest man b) He is an honest man c) He is the honest man

- A) None of these
- B) He is an honest man
- C) Not clear
- D) All of these

Q11. [Quantitative] HCF of 3 and 21 is:

- A) 3
- B) 21
- C) 5
- D) 6

Q12. [Reasoning] Odd one out: Triangle, Square, Circle, Rectangle

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

Q13. [Reasoning] All roses are flowers. Some flowers fade quickly. Conclusion: All roses fade quickly.

- A) None follows
- B) Cannot be determined
- C) Does not follow
- D) Data inadequate

Q14. [Verbal] Antonym of "Transparent":

- A) Clear
- B) Opaque
- C) Bright
- D) Visible

Q15. [Verbal] Find synonym of "Abundant"

- A) Plentiful
- B) Scarce
- C) Sparse
- D) Meagre

Answer Key & Explanations

Q1. A

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

Q2. A

Common PSU/core interview quality theme.

Q3. D

Total distance = $150 + 200 = 350$ meters Time = 20 seconds Speed = $350/20 = 17.5$ m/s Speed in km/hr = $17.5 \times 18/5 = 63$ km/hr

Q4. A

$\gcd(7,18)=1$.

Q5. A

Impeccable "H Flawless.

Q6. A

$\gcd(6,10)=2$.

Q7. A

$\gcd(24,10)=2$.

Q8. B

$\times 3$ each !' 243.

Q9. A

From statement 1: $x = 4$ or -4 From statement 2: $x > 0$ Combining both: $x = 4$

Q10. B

"Honest" starts with a vowel sound, so "an" is used.

Q11. A

$\gcd(3,21)=3$.

Q12. A

Circle has no straight sides.

Q13. C

Only some flowers.

Q14. B

Transparent !" opaque.

Q15. A

Correct answer: Plentiful