

IOCL 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? [IOCL 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? [IOCL paper]

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

Q3. [Quantitative] HCF of 17 and 23 is:

- A) 1
- B) 391
- C) 17
- D) 23

Q4. [Quantitative] HCF of 24 and 21 is:

- A) 3
- B) 168
- C) 24
- D) 21

Q5. [Quantitative] A: All copper is metal B: All bronze is non-metal C: Some metal is silver D: Some metal is not silver E: No copper is bronze F: Some silver is not metal

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

Q6. [Quantitative] A person walks 6 km East, then 8 km North. How far is he from the starting point?

- A) 8 km
- B) 210 km
- C) 12 km
- D) 10 km

Q7. [Quantitative] Successive discounts 20% and 15%. Effective discount:

- A) 35%
- B) 32%
- C) 30%
- D) 33%

Q8. [Quantitative] HCF of 19 and 8 is:

- A) 1
- B) 152
- C) 19
- D) 8

Q9. [Quantitative] HCF of 14 and 13 is:

- A) 1
- B) 182
- C) 14
- D) 13

Q10. [Quantitative] Pointing to a photograph, a man said, "She is the daughter of my father's only son." How is the woman related to the man?

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

Q11. [Quantitative] HCF of 23 and 13 is:

- A) 1
- B) 299
- C) 23
- D) 13

Q12. [Quantitative] HCF of 23 and 12 is:

- A) 1
- B) 276
- C) 23
- D) 12

Q13. [Quantitative] Find $(7x + 4y) / (x - 2y)$ if $x/2y = 3/2$.

- A) 25
- B) 225
- C) 30
- D) 20

Q14. [Quantitative] Two containers of milk contain mixtures of water and milk in ratio 5:4 and 7:9. In what ratio they should be mixed so that mixture is of 6:6 ratios?

- A) 9:8
- B) 11 :8
- C) 209 :8
- D) 7 :8

Q15. [Quantitative] HCF of 18 and 3 is:

- A) 3
- B) 18
- C) 5
- D) 6

Answer Key & Explanations

Q1. A

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

Q2. A

Common PSU/core interview quality theme.

Q3. A

$\gcd(17,23)=1$.

Q4. A

$\gcd(24,21)=3$.

Q5. C

Correct answer: ABE

Q6. D

Correct answer: 10 km

Q7. B

100 !' 80 !' 68 !' 32% off.

Q8. A

$\gcd(19,8)=1$.

Q9. A

$\gcd(14,13)=1$.

Q10. B

Correct answer: Daughter

Q11. A

$\gcd(23,13)=1$.

Q12. A

$\gcd(23,12)=1$.

Q13. A

Given $x/2y = 3/2$ Cross multiplying: $2x = 6y$, so $x = 3y$ Substituting $x = 3y$: $(7x + 4y) / (x - 2y) = (7(3y) + 4y) / (3y - 2y) = (21y + 4y) / y = 25y / y = 25$

Q14. A

Correct answer: 9:8

Q15. A

$\gcd(18,3)=3$.