

Hexaware Placement Papers 2026

15 MCQs with answer key · Free download

Questions

Q1. [Quantitative] HCF of 15 and 13 is:

- A) 1
- B) 195
- C) 15
- D) 13

Q2. [Quantitative] HCF of 10 and 4 is:

- A) 2
- B) 20
- C) 10
- D) 4

Q3. [Quantitative] HCF of 4 and 3 is:

- A) 1
- B) 12
- C) 4
- D) 3

Q4. [Quantitative] HCF of 9 and 2 is:

- A) 1
- B) 18
- C) 9
- D) 2

Q5. [Quantitative] HCF of 15 and 21 is:

- A) 3
- B) 105
- C) 15
- D) 21

Q6. [Quantitative] HCF of 23 and 10 is:

- A) 1
- B) 230
- C) 23
- D) 10

Q7. [Quantitative] HCF of 20 and 19 is:

- A) 1
- B) 380
- C) 20
- D) 19

Q8. [Quantitative] HCF of 20 and 9 is:

- A) 1
- B) 180
- C) 20
- D) 9

Q9. [Quantitative] A cube is painted red on two opposite faces, blue on two adjacent faces, and left unpainted on remaining faces. It is cut into 64 smaller cubes. How many cubes have exactly one painted face?

- A) Cannot be determined
- B) Data inadequate
- C) Depends on arrangement (typically 8-12 cubes)
- D) None of these

Q10. [Quantitative] HCF of 20 and 4 is:

- A) 4
- B) 20
- C) 6
- D) 7

Q11. [Quantitative] If all managers are leaders, and some leaders are innovators, which of the following must be true?

- A) All managers are innovators
- B) Some managers are innovators
- C) Some innovators are managers
- D) None of the above

Q12. [Quantitative] Tap fills in 3 hrs, leak empties in 9 hrs. Net fill time?

- A) 4.5 hrs
- B) 3 hrs
- C) 9 hrs
- D) 12 hrs

Q13. [Quantitative] If the perimeter of a rectangle is 60 cm and its length is twice its breadth, find the area of the rectangle.

- A) 200 cm²
- B) 240 cm²
- C) 160 cm²
- D) 400 cm²

Q14. [Quantitative] HCF of 18 and 16 is:

- A) 2
- B) 144
- C) 18
- D) 16

Q15. [Quantitative] The price of a product increased by 20%. By what percentage should consumption be reduced to keep expenditure same?

- A) 20.7%
- B) 12.7%
- C) 18.7%
- D) 16.67%

Answer Key & Explanations

Q1. A

$$\gcd(15,13)=1.$$

Q2. A

$$\gcd(10,4)=2.$$

Q3. A

$$\gcd(4,3)=1.$$

Q4. A

$$\gcd(9,2)=1.$$

Q5. A

$$\gcd(15,21)=3.$$

Q6. A

$$\gcd(23,10)=1.$$

Q7. A

$$\gcd(20,19)=1.$$

Q8. A

$$\gcd(20,9)=1.$$

Q9. C

4×4×4 cube = 64 cubes Cubes with exactly 1 painted face are on face centers (excluding edges and corners) Need to count based on specific arrangement

Q10. A

$$\gcd(20,4)=4.$$

Q11. C

From "All managers are leaders" and "Some leaders are innovators", we can conclude that "Some innovators are managers" (c)

Q12. A

$$1/3'' \ 1/9' \ 4.5 \text{ hrs.}$$

Q13. A

Let breadth = x cm, length = 2x cm Perimeter = 2(length + breadth) = 2(2x + x) = 6x = 60 x = 10 cm Length = 20 cm, Breadth = 10 cm Area = 20 × 10 = 200 cm²

Q14. A

$$\gcd(18,16)=2.$$

Q15. D

Let original price = ₹100, consumption = 100 units New price = ₹120 Original expenditure = ₹10,000 New consumption = 10,000 / 120 = 83.33 units Reduction = (100 - 83.33) / 100 × 100 = 16.67%