Q 1 HCF of Even prime number and 10 is

(A) 2   (B) 1

(C) 3   (D) 4

Q 2 HCF of smallest prime and smallest composite.number is

(A) 1   (B) 2

(C) 3   (D) 4

Q 3 If p and q are two prime numbers ; what is their L.C.M?

(A) 1   (B) 0

(C) cannot be determined   (D) p × q

Q 4 If p and q are two prime numbers, what is their H.C.F?

(A) 1   (B) 0

(C) p × q   (D) cannot be determined

Q 5 The sum of the exponents of the prime factors in the prime factorisation of 196, is

(A) 1   (B) 2

(C) 4   (D) 6

Q 6 If two positive numbers a and b are expressible in the form $a = pq^2$ and $b = p^3q$, p, q being prime numbers, then L.C.M. (a, b) is

(A) pq   (B) p^3q^3

(C) p^3q^2 (D) p^2q^2

Q 7 If the L.C.M. of a and 18 is 36 and the H.C.F of a and 18 is 2, then a =

(A) 2   (B) 3

(C) 4   (D) 1

Q 8 If H.C.F. (26, 169) = 13, then L.C.M. (26, 169)

(A) 26   (B) 52

(C) 338   (D) 13

Q 9 In a morning walk three persons step off together, their steps measure 80 cm, 85 cm and 90 cm respectively. What is the minimum distance each should walk such that they can cover the distance in complete steps?

(A) 122 m 40 cm

(B) 132m 50cm

(C) 140m 60 cm

(D) 120m 40cm

Q 10 Find the greatest number that divide 445, 572 and 699 leaving remainder 4, 5 and 6 respectively.

(A) 63   (B) 65

(C) 67   (D) 69

Answer Key

Q1	A		Q6	C
Q2	B		Q7	C
Q3	D		Q8	C
Q4	A		Q9	A
Q5	C		Q10	A

Hints & Solutions

Q 1   Video Solution:

Q 2   Video Solution:

Q 3   Video Solution:

Q 4   Video Solution:

Q 5   Video Solution:

Q 6   Video Solution:

Q 7   Video Solution:

Q 8   Video Solution:

Q 9   Video Solution:

Q 10   Video Solution:

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