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HCF & LCM :PRACTICE PAPER-01

- Find the HCF : 1150, 175, and 305.
(a) 10 (b) 5
(c) 15 (d) 3
- Find the LCM of 24, 63, and 70.
(a) 2025 (b) 3220
(c) 2032 (d) 2520
- Find the LCM of $2^2 \times 3 \times 5^2$ and $2^3 \times 5 \times 7$.
(a) 7500 (b) 3200
(b) 4200 (d) 3500
- What will be the HCF of 204, 85, 374
(a) 17 (b) 15
(c) 71 (d) 14
- Find the HCF of $\frac{6}{9}$ and $\frac{8}{12}$
(a) $\frac{18}{3}$ (b) $\frac{1}{18}$
(c) $\frac{3}{4}$ (d) $\frac{4}{5}$
- Find the LCM of $\frac{9}{6}$ and $\frac{21}{8}$
(a) $\frac{2}{63}$ (b) $\frac{3}{20}$
(c) $\frac{63}{2}$ (d) $\frac{3}{41}$
- The sum of two numbers is 54 and LCM is 189. Find their HCF :
(a) 29 (b) 21
(c) 27 (d) None of these

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8. Find the greatest number that will divide 1225 and 3925 exactly.
- (a) 25 (b) 26
(b) 35 (d) 27
9. Find the least number which is divided by 15, 18, 20 and 24.
- (a) 360 (b) 180
(c) 90 (d) None of these
10. The LCM of two number is P and their HCF is Q. The product of two number is ?
- (a) P/Q (b) PQ
(c) P (d) Q
11. Find the HCF of 6 kg and 300 g.
- (a) 110 (b) 200
(c) 300 (d) 250
12. What is the least number which when added by 6 is divisible by 15, 21 and 35?
- (a) 99 (b) 75
(b) 100 (d) 89
13. The length, breath and height of a room is 950 cm, 725 cm and 450 cm. Find the length of the longest tape which can measure the three dimensions.
- (a) 25 cm (b) 50 cm
(b) 20 cm (d) 30 cm
14. What will be the HCF of two consecutive natural numbers ?
- (a) 5 (b) 1
(c) 3 (b) 2
15. If a and b are co-primes, then their LCM is ?
- (a) 1 (b) $\frac{a}{b}$
(c) ab (d) b

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ANSWER KEY LCM AND HCF : PRACTICE PAPER-01

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Q. No	Ans	Q. No	Ans	Q. No	Ans	Q. No	Ans	Q. No	Ans
1.	b	2.	d	3.	b	4.	a	5.	b
6.	c	7.	c	8.	a	9.	a	10.	b
11.	c	12.	a	13.	a	14.	b	15.	a

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