

ANSHUMAN DAS

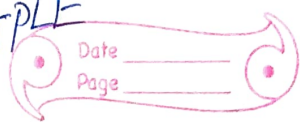
CLASS-V

Ch 8 FACTORS & MULTIPLE

SEC-B

SCHOOL NO. 8945

PG-1



- A. Pa 1, 3, 5 & 15 are the factors of 15.
- Qb. All even numbers are divisible by 2
- 3c. 1 is a number which is neither prime nor composite
- d. 18 is a multiple of 3 and 6
- e. Number which have only two ~~factor~~ factors, 1 and number itself, are called composite numbers

B.	COLUMN-A		COLUMN-B
1.	FACTORS of 35	i	1 (3)
2.	Multiple of 5	ii	Infinity (5)
3.	Factor of every number	iii	50 (2)
4.	Smallest prime number	iv	7 (1)
5.	Multiple of a number	v	2 (4)

c) Find the H.C.F of 16, 24 and 85. (1) ~~16, 24, 85~~

b) Find the L.C.M of 16, 28, 32

ans $2 \times 2 \times 2 \times 2 \times 2 \times 7 = 224$

2	16, 28, 32
2	8, 14, 16
2	4, 7, 8
2	2, 7, 4
	1, 7, 2

c) The H.C.F of two numbers is 5 and L.C.M is 60. If one of the number is 20, find the other number.

ans ~~60~~ $60 \times 5 = 300 \div 20 = 15$

d) Find the greatest number which divides 90 and 405 without leaving a remainder.

ans

ans

$$\cancel{90,405} \quad 5 \mid 90,405$$

$$3 \mid 30,141$$

$$5, 7$$

$$5 \times 3 = 15 \times 5 = 75 \times 7 = 525$$