

NEW ERA PUBLIC SCHOOLClass : $\rightarrow$ 5thSESSION 2021Exam : $\rightarrow$ Term IstSubject : $\rightarrow$ MathM. Marks : $\rightarrow$ 60

Attempt 5 questions each from section 'A' and section 'B'. Attempt all parts from section 'C'.

[SECTION A]

Q.No.1: $\rightarrow$ Write all the composite numbers lying between.

- (i) 86 and 100 (ii) 52 and 65

Q.No.2: $\rightarrow$ Find the LCM With the help of prime factorisation method.

- (i) 28, 32 (ii) 9, 18, 36

Q.No.3: $\rightarrow$ Find the HCF With the help of common division method.

- (i) 24 and 96 (ii) 16, 8 and 22

Q.No.4: $\rightarrow$ Define the following terms.

- (i) Prime numbers (ii) Composite numbers.

Q.No.5: $\rightarrow$ Find the first 6 multiples.

- (i) 12 (ii) 8

Q.No.6: $\rightarrow$ Find the prime factors With the help of prime factorisation.

- (i) 50 (ii) 128

Q.No. 7: → Find the HCF of the following set of factors.

(i) $2 \times 3 \times 4 \times 11$ and $3 \times 4 \times 5 \times 13$

(ii) $3 \times 3 \times 7$ and $3 \times 2 \times 11$

($5 \times 5 = 25$)

[SECTION B]

Q.No. 1: → Meeta started a glass painting on a certain day and finished it in 12 days on 1st March. When did she begin? (Assume that the month of February has 28 days).

Q.No. 2: → Complete the table.

Starting date	Duration	Finishing date
	23 days	New year's day

Q.No. 3: → What was the time 3 hours, 2 minutes, 56 seconds before?

8 hrs, 3 mins, 3 secs.

Q.No. 4: → Madhuri started her computer classes on September 23rd. She finished her course in 90 days. When did she finish her computer course?

Q.No. 5: → What will be the time after 30 minutes?

10 hrs, 45 mins, 16 secs.

Q.No. 6: → Anjana's school function is on 13th November. Today is 4th October. How many days are left for her school function?

Q.No.7:→ What was the time 3 hours 20 minutes 15 seconds before?

27 hrs , 7 mins , 9 secs.

$$(5 \times 5 = 25)$$

[SECTION C]

Fill in the blanks.

- (i) 3 hours 15 minutes = _____ minutes.
- (ii) 880 minutes = _____ hours _____ minutes.
- (iii) Formula to find starting date = _____
- (iv) 5 and 9 are twin primes (True/False)
- (v) Find if the following numbers are composite [C] or Prime [P].

66 ☐

29 ☐

23 ☐

42 ☐

$$(5 \times 2 = 10)$$