DELHI PUBLIC SCHOOL, KOLLAM
(Under the aegis of The DPS Society, New Delhi)

WORKSHEET

Grade: V	**Subject: Mathematics**
Date:	**Code:**
Name:	**Max. Marks: 60**
Roll no. :	**Time: 2 Hrs.**

General Instructions:
- *This question paper consists of 3 printed pages.*
- *All answers to be written in the answer sheet provided.*
- *Section A carries 15 questions of 1 mark each.*
- *Section B carries 4 questions of 2 marks each.*
- *Section C carries 7 questions of 3 marks each.*
- *Section D carries 4 questions of 4 marks each.*

SECTION A (15 ×1 =15)

1. A number (greater than 1) that has more than 2 factors are called _____.

2. Which is the only even prime number?

3. The _____ of two numbers is equal to the product of their HCF and LCM.

4. How many prime numbers are there between 1 and 100?

5. Change into mixed number $\frac{42}{8}$.

6. Express as a fraction and decimal : Two hundred thirty –eight thousandths

7. Compare using >,< or =   9.099 or 9.99

8. Express 3.07 as a fraction.

9. In the KHELO INDIA YOUTH GAMES 2020 conducted in Dr. Zakir Hussain Aquatic Centre, Guwahati, the time taken by first 4 winners of the swimming competition of boys (under 17) butterfly is as follows:

NAME	*STATE*	*TIME TAKEN*
SAMBHAVV	KARNATAKA	2:10.13
ARYAN PANCHAL	GUJARAT	2:07.00
BIKRAM CHANGMAI	DELHI	2:05.29
HARSH SAROHA	HARYANA	2:10.19

Who is the winner?

10. For the number 186.45, write the digit in the tens place and tenths place

11. Build a decimal with 3 hundredths and 7 tenths.

12. Find two equivalent fractions of $\frac{7}{9}$.

13. Swathi exercised for $\frac{3}{6}$ of an hour, while Ranjini exercised for $\frac{3}{4}$ of an hour. Who exercised for a longer time?

14. Change into improper fraction: $3\frac{1}{3}$

15. Express $\frac{48}{100}$ as a decimal.

16 The area of a rectangle is 96 cm². If the breadth of the rectangle is 8 cm, find its length.

17 List all the prime numbers up to 20

18 Reduce to lowest form $\frac{16}{24}$

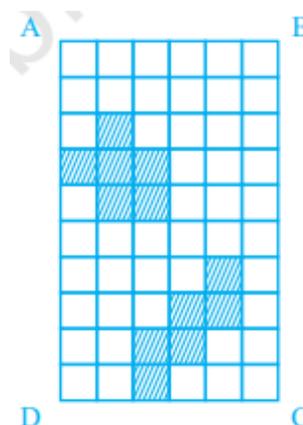**19** Cross multiply to see whether the fractions $\frac{4}{5}$ and $\frac{8}{10}$ are equivalent or not.

SECTION C (7 ×3 = 21)

20 Aswathy bought a fridge with a base 45cm, width 60cm and height 90 cm. What is the volume of the fridge?

21 Answer the following questions based on the figure given:

    a) What is the perimeter of the rectangle ABCD?
    b) What is the area of the rectangle ABCD?
    c) What is the area of the two shaded portion? Are they equal?

22 Give the next 3 decimal numbers in the pattern. 1.5, 1.6, 1.7, _____, _____, _____.

23 Find the LCM OF 45,30,15

24 Find the factors of 30.

25 Express the measurements as decimals:

    a) 1 km 45 m = ____km.
    b) 9750 gm = _____kg.
    c) $2\frac{1}{2}$ litre = _____ litre.

26 The number of members in 20 families are given below:
4, 6, 5, 5, 4, 6, 3, 3, 5, 5, 3, 5, 4, 4, 6, 7, 3, 5, 5, 7
Build a tally chart using these data.

27

The perimeter of a square lawn is 48m.

a) Find the length of the side of the lawn.
b) Also find the area of that Square lawn?

28 Using divisibility test, determine whether 14560 is divisible by 4, 8, 6, 5

29 Rearrange the given fractions in descending order.

$$\frac{2}{3}, \frac{5}{9}, \frac{5}{6}, \frac{3}{8}$$

30 The following data shows the number of years the first five Presidents of India served their term. Complete the table and answer the questions that follow:

President	From – To	Number of years
Dr Rajendra Prasad (RP)	1950 - 1962	
Dr S. Radhakrishnan(SR)	1962 - 1967	
Dr Zakir Husain (ZH)	1967 - 1969	
Shri V.V Giri (V V G)	1969 – 1974	
Dr Fakhruddin Ali Ahmed (FAA)	1974 - 1977	

a) Who was the longest serving President?
b) Who had the shortest term?
c) Which two Presidents served for the same number of years? For how many years did each serve as President?
d) How many years did the first five Presidents of India serve in all?