THE VILLAGE
INTERNATIONAL SCHOOL
"We Nurture Dreams"

AIM HIGH, TOGETHER WE FLY

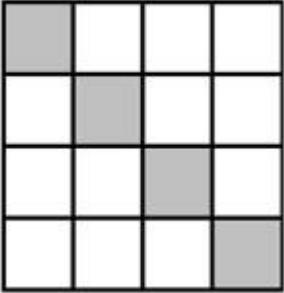| Date: 30/03/2022	CPE - 04 (2021-22)	Max marks: 40
GRADE : 6	MATHEMATICS	Time: 1 hour

General Instructions:

1. This question paper contains three parts A, B ,C and D.
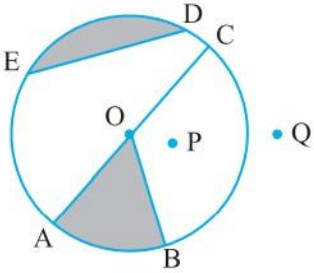
2. Answer all the questions.

Qn. No	PART A Choose the correct answer from the following options.	Marks Allocated
1	The lines which do not intersect and have equal distance between them are called: A. parallel lines B. perpendicular lines C. intersecting lines D. straight lines	1
2	A portion of a line is known as: A. line segment B. line C. portion of a line D. none of these	1
3	How many lines can pass through one given point? A. One B. Two C. Zero D. Infinite	1

4	Write the fraction of the shaded part: A. $\frac{12}{16}$ B. $\frac{4}{16}$ C. $\frac{8}{16}$ D. $\frac{4}{8}$	1
5	The equivalent fraction of $\frac{3}{5}$ with numerator is 9 A. $\frac{6}{10}$ B. $\frac{6}{15}$ C. $\frac{9}{15}$ D. $\frac{12}{15}$	1
6	$6\frac{2}{3}$ can be written in improper fraction as A. $\frac{12}{3}$ B. $\frac{20}{3}$ C. $\frac{16}{3}$ D. $\frac{6}{3}$	1
7	What is the place value of 7 in the given decimal 924.75 A. Ones B. Tens C. Tenth D. Hundredth	1
8	What is the decimal expansion of $\frac{5}{10}$ A. 0.5	1

	B. 1.5 C. 0.05 D. 1.05	
9	5.08 be written in words as A. Five hundred eight B. Five point eight C. Fifty point eight D. Five point zero eight	1
10	The length and breadth of a rectangle are 40 cm and 10 cm respectively. Its perimeter is A. 100 cm B. 120 cm C. 140 cm D. none of these	1
11	Perimeter of a rectangle = A. 2 × length + breadth B. 2 × (length + breadth) C. Side × side D. 2 × length × breadth	1
12	The perimeter of a triangle whose sides are 5 cm, 2 cm and 3 cm. A. 30 cm B.11 cm C. 17 cm D. 10 cm	1

13	How many variables are used in the expression 2x + 3y +5
	
	  A. 1
	  B. 2
	  C. 3
	  D. 5
		1

14	What is the statement for the expression 2y − 9
	
	  A. 2y subtracted from 9
	  B. y and multiplied by 2 and 9 subtracted from the product
	  C. 9 subtracted from 9
	  D. thrice of y minus 9
		1

15	Which of the following is an equation:
	
	  A. x − 3 >0
	  B. x +3 < 0
	  C. x
	  D. x +3 = 0
		1

	PART B **Fill in the blanks.**	
16	An angle is made up of two_____starting from a common end point.	1

17	A fraction whose value is less than 1 is called ——— fraction.	1
18	Decimal notation of one-tenth is _____	1
19	1 m = ——— cm	1
20	Number of matchsticks required to make a pattern of "V" is ———	1
	PART C **Answer the following questions**.	
21	The price of potatoes is Rs. x per kg and price of onion is Rs. 10 more than the price of potatoes. What is the price of onion ?	2
22	Find the cost of fencing a rectangular park of length 250 m and breadth 175 m at the rate of ₹ 12 per metre ?	2
23	Write the following decimals in the place value table. (a) 0.29 (b) 2.08 (c) 19.60 (d) 148.32	2
24	Nandu bought 500g potatoes, 250g capsicum, 700g onions, 500g tomatoes, 100g ginger and 300g radish. What is the total weight of the vegetables in kg ?	2
25	Ila read 25 pages of a book containing 100 pages. Lalita read $\frac{2}{5}$ of the same book. Who read less?	2
26	From the figure, identify :	2

(a) the centre of circle

(b) a diameter

(c) two points in the interior

(d) a point in the exterior

PART D

ANSWER ALL THE QUESTIONS

27	Sweety runs around a square park of side 75 m. Bulbul runs around a rectangular park with length 60 m and breadth 45 m. Who covers less distance?	4
28	Answer the following: (a) Take Sarita's present age to be y years (i) What will be her age 5 years from now? (ii) What was her age 3 years back? (iii) Sarita's grandfather is 6 times her age. What is the age of her grandfather? (iv) Grandmother is 2 years younger than grandfather. What is grandmother's age? (v) Sarita's father's age is 5 years more than 3 times Sarita's age. What is her father's age?	4
	THE END	