

## DEVAMATHA CMI PUBLIC SCHOOL

PERIODIC TEST I 2017-2018

Std. VII

## MATHEMATICS

Time : 1  $\frac{1}{2}$  h.

Marks : 40

## PART - A

I Choose the correct answers from the options given below :

(1x 6=6)

1. When 0 is divided by a non-zero integer, then the value of quotient is :

- a) 1 b) 0 c) not defined d) -1

2.  $\frac{5}{7}$  of a week is \_\_\_\_\_ days

- a) 5 b) 7 c) 2 d) 1

3. The probability of getting 6, while tossing a dice is :

- a)
- $\frac{1}{2}$
- b) 1 c)
- $\frac{1}{6}$
- d) 6

4. Form an equation :

'taking away 7 from x gives 9'

- a)
- $x-7=9$
- b)
- $x+7=9$
- c)
- $7-x=9$
- d)
- $7x=9$

5. The product of a number and its reciprocal is equal to:

- a) 1 b) 0 c) 2 d) number itself

6. 8 Cm= \_\_\_\_\_ km

- a) 0.008 b) 0.00008 c) 0.000008 d) 0.8

## PART - B

7. Find the Product :

1)  $(-4) \times 59 \times (-250)$

2)  $(-72) \times 108$

8. A piece of wire  $5\frac{1}{4}$  m long broke into 2 peices. One piece is  $2\frac{1}{3}$  m long.

How long is the other piece ? Which piece is longer and by how much ?

9. The mark (out of 50) obtained by a group of students in a mathematics test are :  
45, 46, 40, 45, 49, 38, 46, 48, 30, 22.

- 1) Find the highest mark and the lowest mark obtained by the students.
- 2) Find the Range of the marks obtained.

10. Solve : 1)  $2q - 34 = 0$

2)  $5x = -125$

11. Find: 1)  $0.07 \times 10$

2)  $39.3 \times 1000$

3)  $29.36 \div 100$

4)  $41.7 \div 1000$

#### PART - C

12. Find the Mean, Mode and Median of the following data 13, 15, 11, 14, 17, 13, 12, 13

13. Evaluate : 1)  $0.0345 + 6.124$

2)  $587.020 - 47.22$

3)  $3.8 \times 0.15$

4)  $8.56 \div 0.4$

14. The temperature of a place at 12 noon was  $14^{\circ}\text{C}$ . It decreased by  $3^{\circ}\text{C}$  each hour.

What was the temperature at 8.00 P.M.?

15. Set up Equation and solve them to find the unknown number.

1) Add 4 to 8 times a number you get 60.

2) Manu's Father is 52 years old. He is 7 years older than 5 times Manu's age ?

What is Manu's age ?

#### PART - D

16. Draw a Double Bargraph by choosing an appropriate scale.

Favourite fruit	Mango	Apple	Orange	Grapes
Class 7	80	30	40	50
Class 8	90	25	50	35

17. In a class test (+5) marks are given for every correct answer and (-2) marks are given for every incorrect answer.

- 1) Anju answered all the questions and scored 30 marks. Though she got 10 correct answers.
- 2) Tomi also answered all the questions and scored (-12) marks though he got 4 correct answers. How many incorrect answers had they attempted ?

18. Solve the following:

1).  $6 \frac{3}{8}$  , 17

2).  $\frac{8}{9}$  x  $\frac{3}{64}$

3)  $\frac{7}{12}$  +  $\frac{5}{6}$

4)  $4 \frac{3}{5}$  -  $3 \frac{1}{2}$

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