MAR THOMA RESIDENTIAL SCHOOL , THIRUVALLA

FIRST TERMINAL EXAMINATION ,2017 -2018

CLASS:VI **MATHEMATICS** MARKS: 80

TIME:1½ hr

I . Fill in the blanks:- [10]

1. Ten crore = _____ million

2.The sum of −3 and +3 is _____

3. The Roman numeral for 52 is _____.

4. $0 \div 49 =$ _____.

5. The successor of -10 is _____.

6. The product of an even number and an odd number is always _____.

7. The predecessor of 20809070 is _____.

8. When two numbers have 1 as their HCF , they are _____ numbers.

9. $-36 +$ ____ $= -36$

10. HCF of 3 and 9 is _____.

2. Write True or False:- [5]

1. The number 708405 is divisible by both 5 and 10.

2. The smallest whole number is 1 .

3. The letter M is the Roman numeral for zero.

4. A prime number has only 2 factors.

5. $142 \times 82 - 82 \times 142 = 142 \times (82 - 82)$

Questions 1 to 5 carries 2 marks each.

1. Write in figures using commas.

(a) Seven crore twenty three thousand fifty two.

(b) Two million two hundred.

2. Arrange in descending order : 789650 ; 798560 ; 799678 ; 756876.

3. Subtract (+58) from (–43).

4. Write the Hindu-Arabic numeral for (a) LXXIII (b) XCV (2)

5. Evaluate (1) (–125) + (–112) (2)

(2) (–45) – (+5)

Questions 6 to 10 carries 3 marks each

6. Write the number name of 8653193 in Indian system and International system , Also insert commas

7. Solve using distributive property

(a) 690 X 105.

(b) 125 X 400 – 400 X25

8. Write any three factors of 45

9. Evaluate |–8| + |–12|

10 .Complete the pattern:- 1 , 9 , 17 , 25 , ____ , ____ , ____ .

Questions 11 to 17 carries 4 marks each.

11. Write the first 4 multiples of 33

12. Find the LCM of 15,18,24.

13. Evaluate (–10) + (+35) + (–20).

14. Write the prime factors of 100 by factor tree method.

15. Evaluate:- 5 X 10 - 9 + 25 ÷ 5

16. Write all prime numbers between 60 and 75

17. The HCF and LCM of two numbers are 6 and 90 respectively. If one number is 18 , find the other number.

18. Find the HCF of 135 and 225 by long division method. [5]

19. Simplify:- $85 - (15 - \overline{6+1}) \div 2$ of 2. [5]