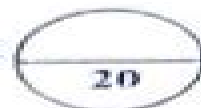


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**MATHEMATICS**

(English Medium)  
(Max. Marks : 20)



*2/10/22*

Class : IX ]

[ Time : 45 Mins.

Name of the Student : ..... Roll No. : .....

**I. Solve the problems.**

**4 x 1 = 4**

1. Write the exponent form of  $2\sqrt[3]{22}$
2. How many times the diameter of a circle to its circumference ?  
(Ratio represented by)
3. a) 20.22 2022 2022 2022 ..... is a/an \_\_\_\_\_ number.  
b) Every multinomial need not be a polynomial . (True/False)
4. State the Remainder Theorem.

**II. Solve the problems.**

**2 x 2 = 4**

5. Express  $3.12\bar{7}$  in the ' $\frac{p}{q}$ ' form.
6. Is  $(x - 1)$  factor of  $(x^{11} - 1)$  ? Justify.

**III. Solve the following problem.**

**1 x 4 = 4**

7. Represent ' $-\frac{3}{4}$ ' on a number line.

**IV. Solve any ONE of the following.**

**1 x 8 = 8**

8. a) If 'a' and 'b' are rational numbers, find the values of 'a' and 'b' in

$$\frac{\sqrt{3} + \sqrt{2}}{\sqrt{3} - \sqrt{2}} = a + b\sqrt{6}$$

(Or)

- b) Find the remainder when  $2x^2 - 3x + 5$  is divided by  $(2x - 3)$ .

# Maths Sample Paper For Class Fa1

**Katrin Zwirglmaier**



## **Maths Sample Paper For Class Fa1:**

## **Maths Sample Paper For Class Fa1** Book Review: Unveiling the Magic of Language

In an electronic era where connections and knowledge reign supreme, the enchanting power of language has be apparent than ever. Its capability to stir emotions, provoke thought, and instigate transformation is really remarkable. This extraordinary book, aptly titled "**Maths Sample Paper For Class Fa1**," published by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound impact on our existence. Throughout this critique, we shall delve into the book is central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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