

MATHEMATICS-1A

(JR.INTER)

MARKS: 75

No. of Questions- 24

TIME: 3 HOURS

MODEL PAPER-2

SECTION-A

Note : This question paper consists of three Sections - A, B and C.

SECTION - A

10 × 2 = 20

I. Very Short Answer Type questions :

- (i) Answer all questions.
- (ii) Each question carries two marks.

1. If $A = \{-2, -1, 0, 1, 2\}$ and $f : A \rightarrow B$ is a surjection defined by $f(x) = x^2 + x + 1$, then find B.

2. Find the domain of the real valued function $f(x) = \frac{1}{6x - x^2 - 5}$.

3. If
$$\begin{bmatrix} x-1 & 2 & 5-y \\ 0 & z-1 & 7 \\ 1 & 0 & a-5 \end{bmatrix} = \begin{bmatrix} 1 & 2 & 3 \\ 0 & 4 & 7 \\ 1 & 0 & 0 \end{bmatrix}$$

then find the values of x , y , z and a .

4. Find the determinant of the matrix $\begin{bmatrix} a & b & c \\ b & c & a \\ c & a & b \end{bmatrix}$.

Intermediate Maths 1a Model Papers

RM Cervero



Intermediate Maths 1a Model Papers:

Intermediate Maths 1a Model Papers Book Review: Unveiling the Magic of Language

In an electronic digital era where connections and knowledge reign supreme, the enchanting power of language has become more apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is truly remarkable. This extraordinary book, aptly titled "**Intermediate Maths 1a Model Papers**," compiled 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's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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