ICSE X Mathematics 2022-23

Maximum Marks: 80

Time allowed: Two and half hours

Answers to this Paper must be written on the paper provided separately.

You will not be allowed to write during first 15 minutes.

This time is to be spent in reading the question paper.

The time given at the head of this Paper is the time allowed for writing the answers.

Attempt all questions from Section A and any four questions from Section B.

All working, including rough work, must be clearly shown, and must be done on the same sheet as the rest of the answer.

Omission of essential working will result in loss of marks.

The intended marks for questions or parts of questions are given in brackets [1] Mathematical tables and graph papers are provided.

SECTION A (40 Marks)

(Attempt all questions from this Section.)

Question 1

Choose the correct answers to the questions from the given options.

[15]

(Do not copy the questions, write the correct answers only.)

$$\begin{bmatrix} 2 & 0 \\ 0 & 4 \end{bmatrix} \begin{bmatrix} x \\ y \end{bmatrix} = \begin{bmatrix} 2 \\ -8 \end{bmatrix}$$

(i) If $\begin{bmatrix} 2 & 0 \\ 0 & 4 \end{bmatrix} \begin{bmatrix} x \\ y \end{bmatrix} = \begin{bmatrix} 2 \\ -8 \end{bmatrix}$, the value of x and y respectively are:

(a)
$$1, -2$$

(b)
$$-2$$
, 1

$$(d) - 2, -1$$

Explanation:

$$2x + 0y = 2$$

$$x = 1$$

$$0x + 4y = -8$$

$$y = -2$$

Maths Paper 23

D Kirk

Maths Paper 23:

Whispering the Secrets of Language: An Emotional Quest through Maths Paper 23

In a digitally-driven earth where displays reign great and instant interaction drowns out the subtleties of language, the profound strategies and psychological nuances hidden within words often get unheard. However, situated within the pages of **Maths Paper 23** a interesting literary treasure pulsating with organic thoughts, lies an exceptional quest waiting to be undertaken. Penned by a talented wordsmith, that marvelous opus encourages visitors on an introspective journey, delicately unraveling the veiled truths and profound affect resonating within ab muscles material of each and every word. Within the psychological depths with this emotional review, we shall embark upon a sincere exploration of the book is primary subjects, dissect their interesting publishing type, and yield to the powerful resonance it evokes strong within the recesses of readers hearts.

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