HILLSIDE PRIMARY SCHOOL - NAALYA
PRE - PRIMARY LEAVING EXAMINATIONS (SET 1)
2023
MATHEMATICS
Time allowed: 2 hours 30 minutes

Index No.	EMIS No.						Personal No.		

Candidates Name: ………………………………………………………………… Stream: …………….….……

Candidates' Signature: ………………………………………………………………………………………………….

Emis No: …………………………………………………………….………………………………………..

District ID: ………

Read the following instructions carefully:

1. Do not write your **school** or **district name** anywhere on this paper.

2. This paper has two sections **A** and B. Section **A** has **20 questions** and **section B** has **12 questions**. This paper has **12 pages** printed altogether.

3. Answer **all** questions. All the working for both sections **A** and **B** must be shown in the spaces provided.

4. **All** working must be done using a **blue** or **black** ball point pen or ink. Any work done in pencil other than graphs and diagrams will **NOT** be marked.

5. **No calculators** are allowed in the examination room.

6. Unnecessary **changes** in your work and handwriting that cannot be easily ready may lead to loss of marks.

7. Do not fill anything in the box indicated: **"For examiners' use only**" and the boxes inside the question paper.

FOR EXAMINERS' USE ONLY		
QN. NO.	MARKS	EXR'S NO
1 - 5		
6 - 10		
11 - 15		
16 – 20		
21 – 22		
23 – 24		
25 – 26		
27 – 28		
29 – 30		
31 – 32		
TOTAL		

Turn Over

SECTION A:

*Answer **all** questions in this section*

*Questions **1** to **20** carry two marks each*
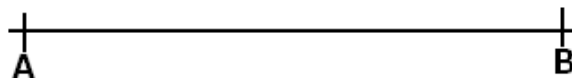
1.   Work out: 0.2 x 0.4

2. Find the next number in the sequence: 28, 26, 23, 19, _____

3.   Write 89 in Roman numerals.

4.   In an exam 154 out of 175 candidates passed. What percentage did not pass?

5.   Using a pair of compasses, a ruler and a pencil only, draw a line perpendicular to AB from point C.

$\times$ C

A ———————————— B

SECTION B : 60 MARKS
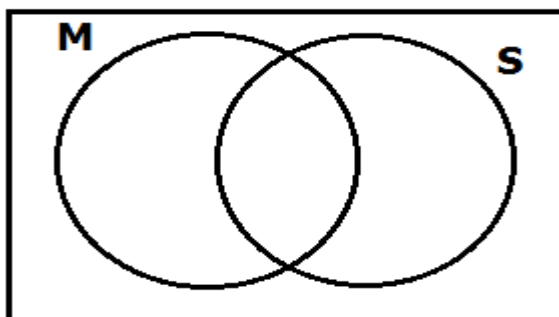*Answer **all** questions in this section*
Marks for each question are indicated in the brackets.

21(a) Solve the equation: $\dfrac{3x - 8}{4} = \dfrac{2x - 3}{5}$ **(3marks)**

(b)   A boy is 10 years old and his father is 38 years old. After how many years will the boy be exactly half as old as his father?   **(2marks)**

22.   Eighty pupils of P. 7 were taken for a contest. 55 pupils did the Maths (M) paper, y pupils did Science (S) paper, 16 pupils did Maths and Science and two did not do any of the two papers.

(a)   Represent the above information in the Venn diagram below.

$$n(\xi) = 80 \qquad \textbf{(2marks)}$$

(b)   Find the number of pupils who did science only. **(2marks)**