

THE ARIAL EXAMINATIONS®

P.7 SET I TERM II 2023

MATHEMATICS

Time allowed: 2 hours 30 minutes

Index No.

School Number	Candidate's Number
<input type="text"/>	<input type="text"/>

Name: _____

School: _____ class _____

Read the following Instructions carefully

1. This paper is made up of two sections: A and B.
2. Section A has 20 questions (40 marks).
3. Section B has 12 questions (60 marks).
4. Answer ALL questions in both sections A and B.
5. All answers must be written in spaces provided
Using blue or black pens or Ink. Only diagrams
Should be done in pencil.
6. Unnecessary crossing of answers will lead to
Loss of marks.
7. Do not fill anything in boxes indicated for
Examiners' Use only.

FOR EXAMINERS' USE ONLY

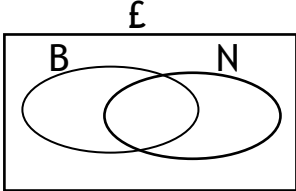
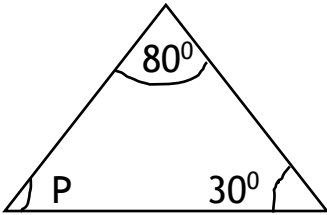
page	Marks	Initials
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Total		

Subject teacher's Comment to the learner

Approved by

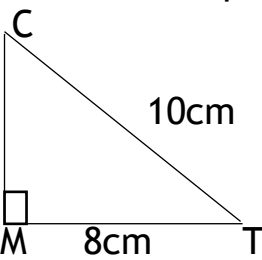
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Team Leader

SECTION A: 40 MARKS

1.	Workout: 21×4	2.	Write LXIV in Hindu Arabic numerals.
3.	Expand 9785 using value form.	4.	Simplify: $-8 - -5$
5.	Workout: $\frac{5}{8} \div \frac{5}{7}$	6.	In a Venn diagram below, shade set $(N \cup B)'$ 
7.	Find the next number in the sequence. 1, 5, 11, 19, 29, _____	8.	4 pineapples cost sh. 3200. Find the cost of 7 similar pineapples.
9.	Find the size of an angle P in degrees. 		
10.	A motorist covered 56km in 35 minutes. Calculate his speed in kilometres per hour.		

11.	Given that $x=5$ and $y=6$. Find the value of xy .	12.	Round off 8573 to the nearest hundreds
13.	Subtract: weeks days 6 4 — 2 6 _____ _____	14.	Find the length of a square whose area is 100m^2
15.	Using a ruler, a pencil and a pair of compasses only, construct an angle of 90° in the space below.		
16.	The average score of 4 boys is 75%. Find the total score.		
17.	The cost of a United States dollar (US\$) in Uganda shillings is (Ugsh) is US\$1 to Ugsh 3650. How many United State dollars are bought for 657,000 Uganda shillings?		

[illegible]

28.	<p>In a class of 80 pupils, $\frac{1}{10}$ are absent and the rest are present. (a) How many pupils are present?</p> <p style="text-align: right;">(03marks)</p>	
	<p>(b) If each absentee is asked to bring a dozen reeds, how many reeds will be collected from this class?</p> <p style="text-align: right;">(03marks)</p>	
29.	<p>Use the diagram below to answer the questions that follow.</p> <div style="text-align: center;">  </div> <p>(a) Find the length \overline{MC}.</p> <p style="text-align: right;">(02marks)</p>	
(b)	<p>Calculate its area</p> <p style="text-align: right;">(02marks)</p>	<p>(c) Find the perimeter.</p> <p style="text-align: right;">(02marks)</p>

