

THE REAL PRIVATE TEACHERS' VOICE EXAMINATIONS BOARD

THE REAL NEXT TO PRIMARY LEAVING EXAMINATIONS

THE REAL SPECIAL MOCK TRIAL SET ONE - 2023

MATHEMATICS

	Time allov	30 Minutes	THE PRIMARY SCHOOL	
Random No Personal No			ABRIDGED CURRICULUN	
			•	FOR UGANDA KAIS60

	FOR UGANDA KA	.1560)
Candidate's name:		,
Candidate's signature:		
School:		
District:		• • • • • • • • • • • • • • •

Read the following instructions carefully

- 1. This paper is made up of two sections: A and B.
- 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.
- All answers MUST be written in the space provided In blue or black ball point pens or ink. All diagrams Should be in pencil.
- 6. Unnecessary crossing of answers will lead to loss of Marks.
- 7. Poor hand writing which cannot be easily read, May lead to loss of marks.

FOR EXAMINERS' USE ONLY					
Qn.No	MARKS	SIGN			
1–10					
11–20					
21–22					
23–24					
25–26					
27–28					
29 – 30					
31 - 32					
TOTAL					

BASED ON

The Real Private Teachers' Voice Examinations Board 2023.

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REAL UNEB (PLE) BLUE PRINT ITEM 2023

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Page | 1

Index no:

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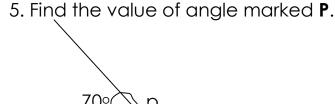
SECTION A (40 MARKS

1. Work out 40 ÷ 10

- 7. Find the next number in the sequence: 17, 12, 8, 5, 3, _____
- 2. The square root of **(m + 7)** is **4**. Find the value of **m**.
- 8. The complementary angle of **(y + 40°)** Is **30**. Find the value of **y**.
- 3. Find the value of (3 tenths + 8 tens).
- 9. Sauda bought a dress at Shs**60,000** and sold it at a profit of Shs**7,200**. What was her selling price?

4. Divide: <u>2</u> ÷ <u>1</u> 3

10. A bus carries **59** passengers per trip. How many passengers will the bus carry if it takes **12** trips?



6. The figure below shows a cube. Find is capacity in litres.



11. Work out: **2** + **5** (finite **5**)

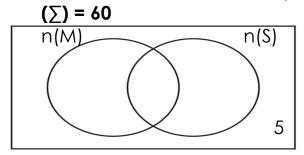
- 12. Mary kept the following record of rainfall in centimetres: 4, 3, 6, 5, 2, 3, 0. Find the mode.
- 13. The radius of a circular kraal is 7_{cm} . Work out its area (take $\pi = \frac{22}{7}$).

- 14. Six cups cost Shs**3,000**. What is the cost of **1**¹/₂ dozens similar cups**?**
- 15. Mark scored ³/₄ of the total marks in a mathematics exam. Find his percentage failure.

- 16. In the space below, use a protractor to draw an angle of **55°**
- 17. Find the value of **6** twenty thousand shilling notes
- 18. Which property of numbers has shown in 6(3+5)=(5x6)+(6x3)?
- 19. Jane is **4** years older than Alice. If Alice is **7** years old, how old is Jane?
- 20. Find the value of **2** five-fives and **3** fifths.

SECTION B (60 Marks)

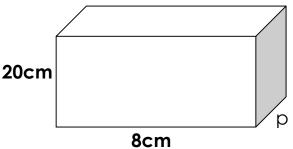
- 21. In a class of **30** pupils, **18** pupils play tennis (**T**), **15** play volleyball (**V**), **y** pupils play both games while **2** play neither of the games.
- a). Use the above information to complete the venn diagram. (2mk)



(b). Find the value of y(3mks)

22) The sum of three consecutive counting numbers is $\bf 18$. If the largest number is $\bf m$, find the smallest number (4mks)

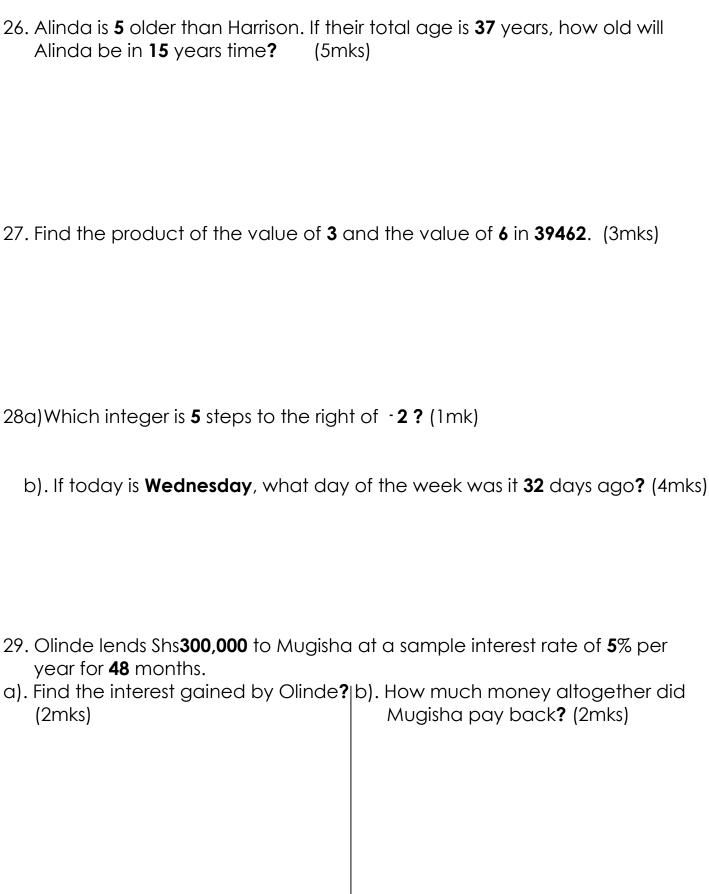
23. The tank below has a volume of 480cm³



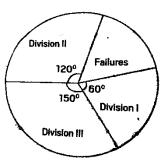
a). Find the value of **p** in cm. (3cm)

b). Work out the base area of the tank in cm² (2cm)

24.a) In a class of 60 pupils, ³ / ₅ of them are girls and the rest are boys. Find the number of girls. (2mks)
b). How many more girls than the boys are in the class? (3 mks)
25.a). Using a pencil, ruler and a pair of compasses only, construct triangle ABC in which BC = 4cm, angle ABC = 90° and angle BCA = 30° (5cm)
b). Measure the length of AC (1mk)



30. The pie-chart below shows the performance of **72** candidates of **ABC P/S** in **Mock** examinations.



a). Find the angle in degrees representing failures. (3mks)

- b). Find the number of candidates who passed in division one. (2mks)
- c). How many more candidates passed in division **3** than division **one?** (3mks)

31.a). Express **36**km/hr in metres per second (2mks)

b). A motorist covered **200**km/hr from **9:00**_{am} to **11:00**_{am}. Calculate his average speed. (4mks)

32. a). Which number can be multiplied by 23 to get 253? (1mk)	

c). Write 3456 in scientific notation. (3mks)

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