



THE REAL PRIVATE TEACHERS' VOICE EXAMINATIONS BOARD

NEXT TO PRIMARY LEAVING EXAMINATIONS – 2022

THE VERIFIED UNEB BLUE PRINT ITEM (ONE)

MATHEMATICS

Time allowed: 2 Hours 30 Minutes

BASED ON
THE
PRIMARY SCHOOL
ABRIDGED CURRICULUM
FOR UGANDA

Index no:

Random No					Personal No				

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**.
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 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		

The Real Private Teachers' Voice Examinations Board 2022.

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REAL PRIMARY LEAVING EXAMINATIONS 2022

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SECTION A (40 MARKS)

1. Work out: $98 + 2$
2. Write **404040** in words
3. Set **K** has **15** proper subsets. How many elements are in set **K**?
4. Use the number line to workout **3×2** .
5. What is the number that has been numerals.
written in the scientific form as **3.87×10^3** ?
6. Write **CDXLIV** in Hindu-Arabic
7. Find the sum of the next two numbers in the sequence.
81, 64, 49, 36, _____, _____
8. The mass of **4 bags** is **1000kg**. Find the mass of **seven** similar bags.
9. Convert **4.5** tonnes to kilograms.



10. Workout **42_{five} + 44_{five}**

12. Having sold a shirt at **Shs48,000**. A trader made a loss of **Shs2,000**. Find the price at which she had bought it.

14. Workout: **2 – 3 = _____** (finite **5**).

16. Okurut bought a **50kg** bag of sugar and packed it in packets of $\frac{1}{2}$. Find the number of packets he got.

18. Workout: **(4.8 x 108) – (8 x 4.8)**

11. A **forty minute** lesson ended at **10:20_{a.m}**. At what time had it begun?

13. Draw an angle of **60°** using a protractor and a very sharp pencil.

15. Find the number that has been expanded to give. **(8x10²) + (6x10¹) + (4x10⁰) + (3x10⁻²)**

17. Convert **36km/hr.** to meters per second.

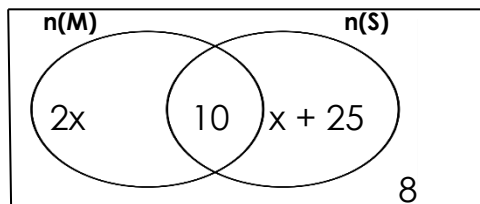


19. Simplify: $9n - 5 - 2n + 9$

20. Workout: $\frac{3}{4}$ of **1000kg**.

SECTION B (60mks)

21. The venn diagram below shows the number of pupils that passed Mathematics (**M**) and science (**S**) in a class.



a). Find the value of **x** if **50** pupils passed science. (3mks)

b). How many pupils are in the class? (2mks).

22. Oboth went shopping and bought the Bought items on the list below.

(a). Complete the table below. (2mks)

ITEM	QTY	UNIT COST	AMOUNT
Rice	4kg	Shs 4,000	Shs.....
Bread	3 loaves	Shs.....	Shs 15,000
Milk	litres	Shs 2,000	Shs.....
Total			Shs 35,000

(b). If he was given a discount of **10%** on

the total cost, how much did he pay? (3mks)

23.(a). Semanda left town **A** at **7:30a.m.** and moved to town **B** at **40km/hr** for **3 hours**. She continued to town **C** at **30km/hr** for **2 hours**. At what time did she reach town **C**? (2mks)

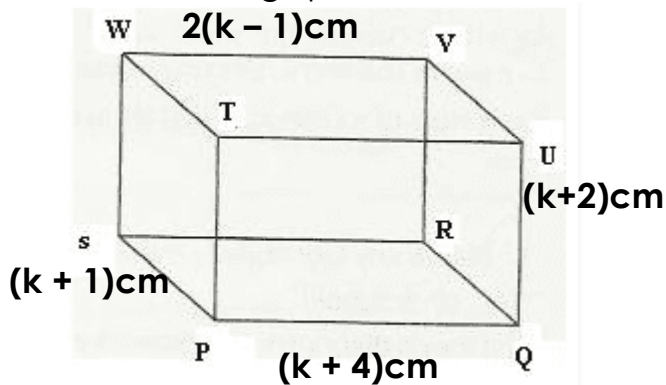
b). Calculate her average speed for the whole journey. (3mks)



24a).Simplify: $\frac{3}{4} - \frac{1}{2} + \frac{1}{3}$ (2mks)

b). Workout: $\frac{0.036 \times 0.9}{0.18 \times 0.3}$ (3mks)

25. The figure below is of a cuboid.
Study it and use it to answer the
the following questions.



(a). Find the value of **K**. (2mks)

(b). Find the volume of the cuboid. (3mks)

(c). Calculate the total length of the
edges.(2mks)

26.a).Omondi is four times as old as Kalanzi
now. **5** years ago, the difference between
their ages was **36** year. How old is Kalanzi
now?(3mks)

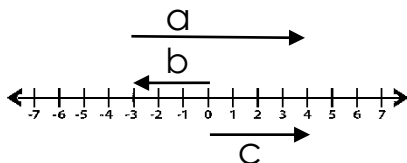
(b). How old was Omoding **5** years ago?
(2mks)



27(a). Given that the current exchange rates are:- Us \$1=UgShs**3,680**, TZShs1= UgShs**1.5**. How much money in Uganda shillings can I get if I have US \$**500**.(2mks)

(b). If a bicycle costs UgShs**450,000**. How much money in **TZ** shillings can one pay for the bicycle? (2mks)

28. Use the number line below to answer questions that follow.



(i) $a = \underline{\hspace{1cm}}$ (ii) $b = \underline{\hspace{1cm}}$ (ii) $c = \underline{\hspace{1cm}}$ (1mk@)

(b). Write a mathematical sentence represented by arrows. (2mks)

29a).The interior angle of a regular polygon is **144°** . How many sides has the polygon?(3mks)

(b). Calculate the sum of its interior angles. (2mks)

30.a). In a school with **1800** pupils, **60%** are girls, the rest are boys. Find the percentage of boys. (1mk)

(b). Calculate the number of girls in the school. (2mks)

(c). Find the number of boarder boys if $\frac{3}{4}$ of the boarders are boys. (2mks)

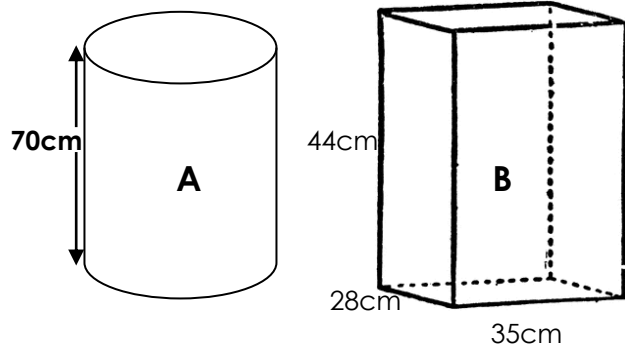


31. The table below shows the marks scored by some of the pupils in Maths test which was marked out of **20** marks
a.) Complete the table below: (2mks)
b). How many pupils did the test? (1mk)

Marks	No. of pupils	Total marks
20		100
16	5	
.....	12	120
15	8	

c). Workout their average mark. (2mks)

32. The two tanks hold the same amount of water when filled up.



(a). Find the radius of tank **A**. (3mks)

b).How many litres of water does tank **B** hold?

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