



THE REAL PRIVATE TEACHERS' VOICE EXAMINATIONS BOARD SPECIAL PRIMARY LEAVING MOCK EXAMINATIONS – 2022

THE PLE ITEM BLUE PRINT MATHEMATICS

Time allowed: 2 Hours 30 Minutes

Index no:

Random No					Personal No				

BASED ON
THE
PRIMARY SCHOOL
ABRIDGED CURRICULUM
FOR UGANDA

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.

Tel: 0763499772/0704-816448

PRIMARY LEAVING EXAMINATIONS BLUE PRINT

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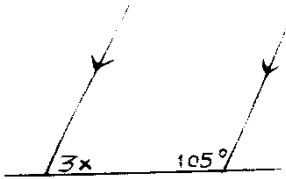


SECTION A (40 MARKS)

1. Work out: $53 - 13$

3. Given that $W = \{\text{square numbers Less than } 10\}$ Find $n(W)$

5. Workout the value of X in the figure below.



7. Find the next number in the sequence.
216, 125, 64, 27,

9. Express **12:44pm** in **24** – hour clock system.

11. Simplify; $3^4 \div 3^2$

13. Given that $p = -3$ and $k = 2$. Find the value of $2p + 2k$

2. Write in words **8,049**

4. Workout $\frac{2}{3} - \frac{1}{2} + \frac{1}{4}$

6. Simplify $3(x-y)-(x+y)$

8. Simplify: $-18 - -10$

10. Round off **873.96** to the nearest whole number.

12. Workout the lowest common factor (LCF) of **18** and **12**.

14. A cyclist reached Fort portal at **4:00pm** from Kasere, the journey took **80 minutes**

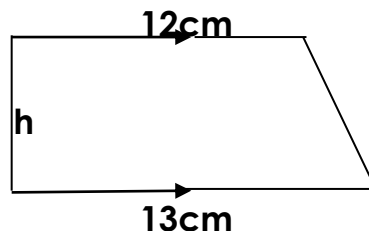


15. Express **72km/hr** in meters per second.
16. Cooking oil is sold in **250ml**. How much money would Peter pay for **12litres** of cooking oil if the market price of $\frac{1}{2}$ litre is **Shs.1,700**?

17. Find the square root of **1.44**.

19. A water tank is $\frac{3}{5}$ full of water. When **40litres** are added, the tank becomes $\frac{4}{5}$ full. How many litres of water does It hold when it is completely full?

18. The area of the figure below is **125cm²**. Find the value of **h**.



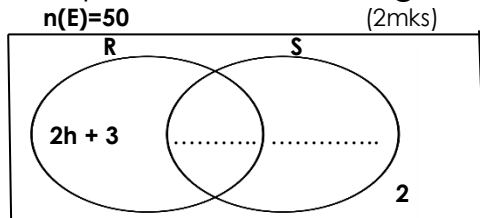
20. Mukula tossed a dice once. What is the probability that a triangular number appeared on top?



SECTION B

21. In a certain year in the month of January, $(2h + 3)$ days only were rainy (**R**) while $(h - 5)$ days were both rainy and sunny (**S**). $(h + 3)$ days were sunny and **2** days were neither sunny nor rainy.

a). Complete the venn diagram below



b). Find the value of **h** (3mks)

22.a). In a class at a certain school, the ratio of boys to girls is **3:5** respectively. If there are **60** girls in class. How many boys are in the class? (3mks)

b. If $\frac{1}{3}$ of the boys are boarders, how many boys are in class. (2mks)

23a). **240** students and their **16** lecturers went for a tour. Each person was served lunch at a cost of **Shs.12,500** and a bottle of soda at **Shs.1,500**. How much money did they pay for lunch and soda altogether? (4mks)

b). If they used buses to go for the tour each carrying **32** people, how many buses were used? (1mk)

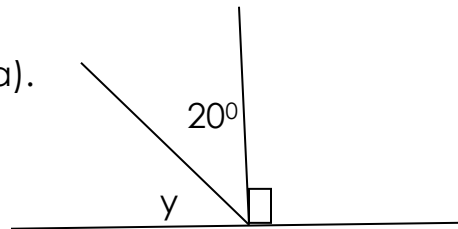


24a). Olupot is **18** years older than Odiambo now. In **6** years time Olupot will be twice as old as Odiambo. How old is Odiambo now. (3mks)

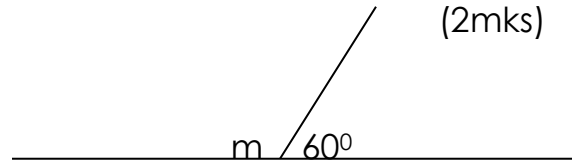
b). How old will Olupot be then? (2mks)

25. A teacher purchased the following items:-
5 bottles of soda at **Shs.1,000** per bottle.
4kg of rice at **Shs.12,000**.
2kg of meat at **Shs.28,000**.
500gm of salt at **Shs.1,200** a kilogram.
 If he was given a change of **Shs.12,400**, how much did he have? (4mks)

26a). (2mks)



c). (2mks)



c). What is the complement of **46°**? (2mks)

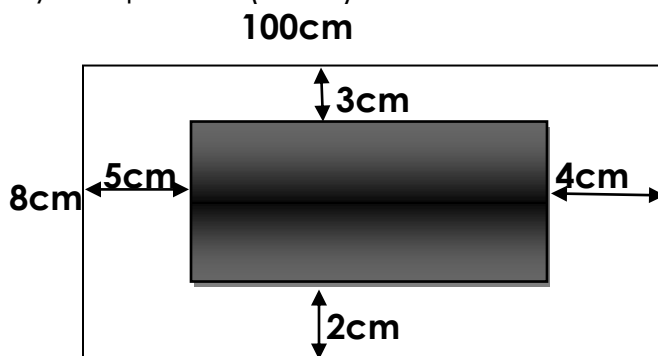
27. The sum of **4** consecutive odd numbers is **96**. Find the numbers. (5mks)



28a). At a Forex Bureau, one dollar costs **UgShs.3,800**. How much Uganda shillings Will a tourist who has **Us dollars 600** get? (3mks)

b). If a businessman had **UgShs.627,000**, how many **Us dollar** will he get at the same exchange rate?(2mks)

29.The diagram below shows a photo centered on a photo frame. Calculate the area of the photo frame not covered by the photo. (5mks)

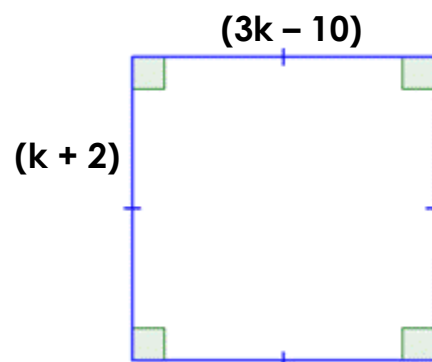


30a). Study the table below and complete it. (1mk)

MARKS	TALLY	FREQUENCY
65	I	
70		3
85		4
50		2
60		5

b).Find the average mark. (3mks)

31.Use the figure below to answer the following questions.



a).Find the value of **k**. (3mks)

b). Find the area of the figure. (2mks)



c). Workout its perimeter.(1 mk)

32. A piece of land is used as follows: **5** hectares for growing food crops, **10** hectares for growing cash crops, **20** hectares for grazing and **25** hectares for hiring.

Draw an accurate pie-chart of radius **5cm** and represent the above information on it.
(5mks)





