

SIR APOLLO KAGGWA SCHOOLS SINCE 1996

PLE PREP TEST II TERM 1 2023

**PRIMARY SEVEN
MATHEMATICS**

Time allowed: 2 hours 30 minutes

Candidate's Name: _____

Candidate's Signature: _____

District Name: _____

School Name: _____

Read the following instructions carefully:

1. The paper has two sections: A and B
2. Section A has 20 short questions (40 marks)
3. Section B has 12 questions (60 marks)
4. Answer ALL questions. All answers to both Sections A and B must be written in the spaces provided.
5. All answers must be written using a blue or black ball point pen or ink. Diagrams should be drawn in pencil.
6. Unnecessary alteration of work may lead to loss of marks.
7. Any handwriting that cannot be easily read may lead to loss of marks.
8. Do not fill anything in the boxes indicated for Examiner's use only.

FOR EXAMINER'S USE ONLY		
Qn. No	MARK	SIGN
1 – 10		
11 – 20		
21 – 30		
31 – 32		
TOTAL		

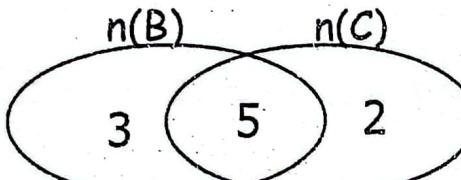
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SECTION A :40 MARKS)

Questions 1 to 20 carry 2 marks each

1. Work out: $20 \div 2$

2. Write 109 in Roman Numerals

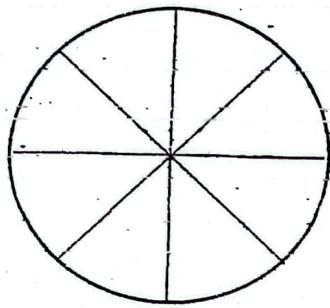
3. In the Venn diagram below, find $n(B \cup C)$.


4. Circle all the prime numbers from the list below:
20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30

5. Using a protractor, draw an angle of 60° .

6. Each of the pupils in a class got 4 exercise books and 3 pens. If 108 pens were given out, find the number of exercise books that were given out.

7. Shade $\frac{5}{10}$ of the figure below.



8. Find the circumference of a circle whose diameter is 14m. ($\pi = \frac{22}{7}$)

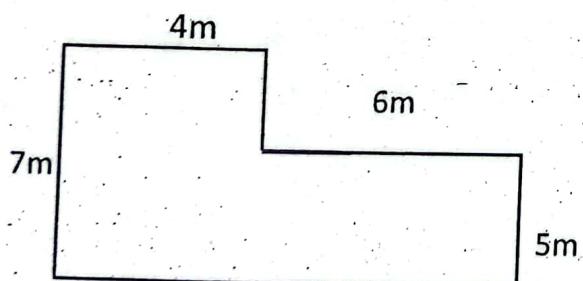
9. Work out : -8 - -2.

10. Round off 2,609 to the nearest thousands.

11. Given that set P has 31 proper subsets. Find the number of elements in set P.

12. Find the median of 4, 2, 0, 5 and 3.

13. The figure below represents Kalinaki's compound. Find the distance around the compound.



14. Subtract $3x - 4$ from $5 - 2x$.

15. Find the GCF of 18 and 30.

16. A meeting started at 9:30 am and ended at 11:00 am. How many minutes did the meeting last?

17. The complement of $m + 15^\circ$ is 35° . Find the value of m .

18. A pupil paid sh. 5,000 for 3 pencils and 4 pens. The cost of each pen was sh. 800. Find the cost of each pencil.

19. Work out: $2 \div 3 \pmod{5}$.

20. Solve for k: $k + \frac{1}{3}k = 36$.

SECTION B: 12 QUESTIONS 60 MARKS

The marks for each question are indicated in the brackets

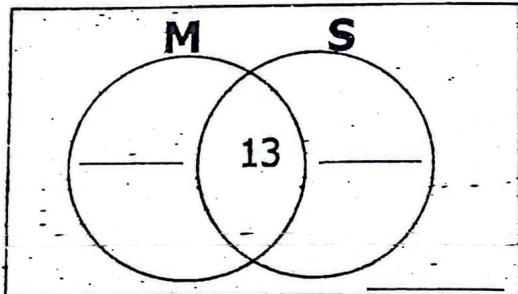
21. (a) Subtract 0.64 from 4. (02marks)

(b) Work out: $\left(\frac{3}{4} - \frac{1}{3}\right) \times \frac{3}{5}$ (03marks)

In a class of 56 pupils, 31 passed mathematics (M), 13 passed both mathematics and science (S) while k passed Science only. The number of pupils who passed other subjects is equal to those who passed Science.

(a) Complete the Venn diagram below.

$$n(\varepsilon) = 56$$



(03 marks)

(b) Find the number of pupils who passed other subjects.

(03 marks)

3. (a) Given that $a = -3$ and $b = 7$, find the value of:

$$\frac{2b-2a}{b-a}$$

(02 marks)

(b) Solve for n : $2(n-3) - 3(3-2n) = 17$

(03 marks)

24. The table below shows items bought by Biiso.

(a) Complete the table.

ITEM	QUANTITY	UNIT COST	AMOUNT
SUGAR	2 Kg	Sh.4,000 per kg	Sh._____
RICE	_____ kg	Sh.5,000 per kg	Sh.15,000
APPLES	4 apples	Sh._____ each	Sh.6,000
TOTAL EXPENDITURE			Sh._____

(04 marks)

(b) If Biiso was offered a discount of sh.500, how much did he actually pay?

(02 marks)

5. Kato left town A at 8:00 am to go to town B, a distance of 144 km. He drove his car at an average speed of 20 m/s.

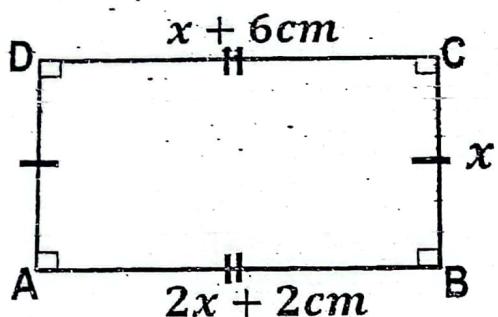
(i) Convert his speed to km/h.

(02 marks)

(ii) At what time did Kato arrive at town B?

(02 marks)

26. Study the rectangle below carefully and use the information on it to answer the questions.



(a) Find the value of x in centimetres.

(03 marks)

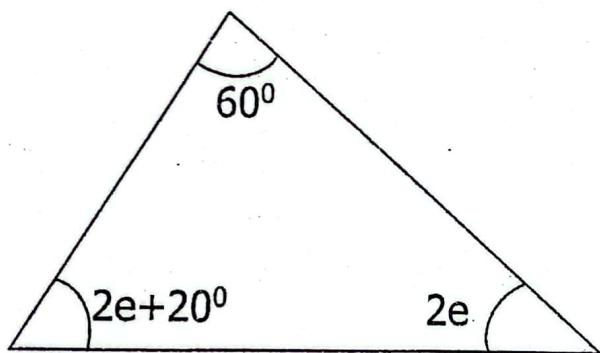
(b) Work out the area of the rectangle above.

(02 marks)

27. Nambi distributed sh. 72,000 pocket money among her three daughters; Alice, Brenda and Clara in the ratio of 1:2:3 respectively. How much money did each get?

(04 marks)

28. Study the figure and use the information to answer questions (a) and (b) that follow.



- (a) Find the value of e

(03 marks)

(b) Find the size of angle marked $2\alpha + 20^\circ$

(02 marks)

29. (a) Work out:

$$\begin{array}{r} 214_{\text{five}} \\ + 143_{\text{five}} \\ \hline \end{array}$$

(02 marks)

(b) Given that $42_m = 211_{\text{three}}$, find the value of m .

(03 marks)

30. With the help of a ruler, sharp pencil and a pair of compasses only, construct a rectangle ABCD in which line AB = 8 cm and BC = 6 cm.

(04 marks)

31. Ddamba has $(3c + 7)$ cows and $(2c - 5)$ goats of his farm. The number of cows is twice that of goats.

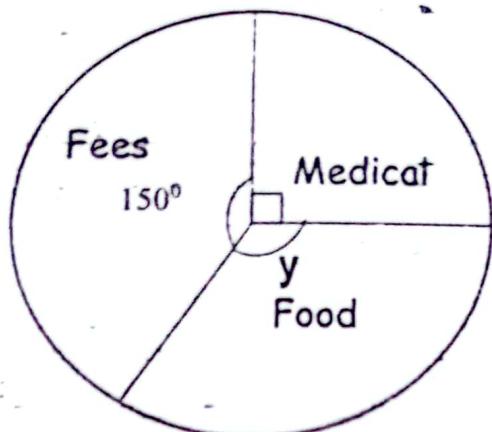
(a) Find the value of c

(03 marks)

(b) Find the number of cows on Ddamba's farm.

(02 marks)

32. The pie-chart below shows how Atai spent her salary of shs. 108,000



(a) Find the value of y .

(02 marks)

(b) How much money did Atai spend on Medical?

(02 marks)

(c) How much less money did Atai spend on food than she spent on fees?

(02 marks)

THE END

SIR APOLLO KAGGWA SCHOOLS SINCE 1996

PLE PREP II TERM 1 2023

PRIMARY SEVEN

SOCIAL STUDIES AND RELIGIOUS EDUCATION

Time allowed: 2 hours 15 minutes

Candidate's Name: _____

Candidate's Signature: _____

District Name: _____

School Name: _____

Read the following instructions carefully:

1. The paper has two sections: A and B
2. Section A has 40 questions (40 marks)
3. Section B has 15 questions (60 marks)
Answer ALL questions. All answers to both Sections A and B must be written in the spaces provided.
4. All answers must be written using a blue or black ball point pen or ink. Diagrams should be drawn in pencil.
5. Unnecessary crossing of work may lead to loss of marks.
6. Any handwriting that cannot be easily read may lead to loss of marks.

Do not fill anything in the boxes indicated;

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FOR EXAMINER'S USE ONLY		
QTN NO.	MARK	SIGN
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 43		
44 – 46		
47 – 49		
50 – 52		
53 – 55		
TOTAL		

Turn over

SECTION A

1. Give any one way in which you can direct your friend to find the location of your school.

2. Give any one example of a fold mountain found in Africa.

3. State the use of a barometer at a weather station.

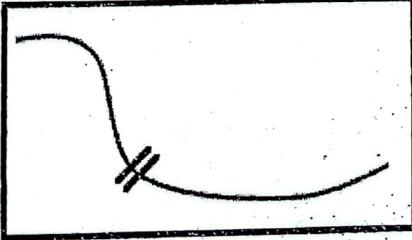
4. Give any one reason why people carry out poaching.

5. Give any one reason why a trader will choose to use air transport.

6. Write down any one way people care for the hospital located in their community.

7. Name the climatic region which is mostly experienced in Northern Africa.

8. Mention any one problem caused by swamp drainage in Uganda.

9. Name the map symbol represented below.


1. Name the King of Buganda who welcomed John Speke and James Grant in Uganda.

12. Give one reason why Lesotho is called an enclave.

13. Give one reason why most game parks in East Africa are found in Savanna vegetation.

14. Find the population density of Busano Town Council with 6000 people and a total land area of 15km^2 .

15. Mention the method used by the British colonialists to administer Buganda Kingdom.

16. Give any one reason why people in our district promote their culture.

17. How does the Benguela Ocean Current affect climate in Africa?

18. What is the title given to the head of all civil servants in a district?

19. State any one positive result of colonial rule in Uganda.

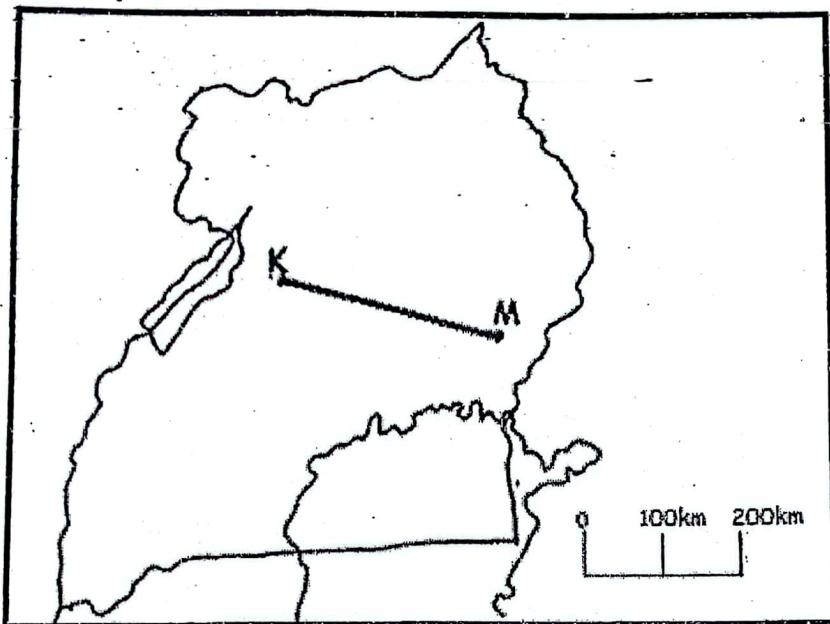
20. Give any one reason why the archaeological sites in East Africa are protected.

21. Give any one reason why the vegetation in North Eastern Uganda is short and scattered.

22. Name any one country which is crossed by the Tropic of Cancer in Africa.

23. Give any one cause of domestic violence in our sub county.

Use the map of Uganda below to answer number 24.



24. Find the distance in kilometres between town K and M.

25. What is child abuse?

26. Name any one city found in Uganda apart from Kampala and Mbarara.

27. Give any one way in which children benefit by living in an extended family.

28. Give any one reason why many people in rural areas don't use televisions for communication.

29. Name the group of people who treat sick domestic animals in our district.

30. How was the formation of Mountain Usambara similar to that of the East African Rift Valley?

31. Name the best season for planting crops in areas with Mediterranean Climate.

32. Give any one reason why the Highland Nilotes migrated into Uganda.

33. Give any one reason why some explorers attempted to draw maps in East Africa.

34. Give any one way in which Benedict Kiwanuka contributed to Uganda's independence.

35. State any one lesson people learn from the second stanza of the Uganda National Anthem.

For questions 36 - 40, answer Either Christianity or Islam but not both alternatives in a number.

36. Either: Name the first book in the New Testament.

Or: Name the first surat of the Quran.

37. Either: What was the sign of covenant between God and Abraham?

Or: What was the sign of agreement between Allah and Abraham?

38. Either: What good lesson do we learn from Simon of Cyrene in the Bible?

Or: What good lesson do we learn from Abu Talib in Islam?

39. Either: Mention the sacrament which introduces one into Christianity.

Or: Mention the practice which introduces one into Islam?

40. Either: Give any one reason why a Christian child must show respect for other people's religions.

Or: Give any one reason why a Moslem child must show respect for other people's religions.

SECTION B (60Marks)

(a) Name the weather instrument used to measure speed of wind at a weather station.

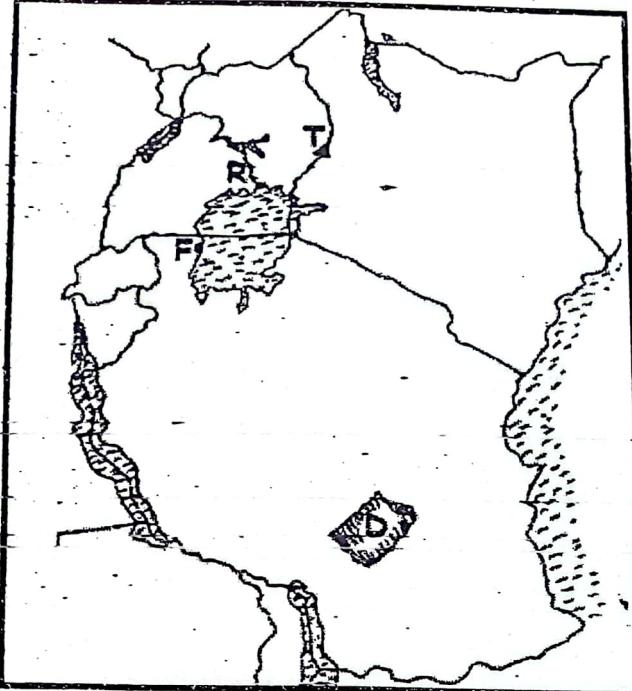
(b) Give any one way in which wind is important to a farmer.

(c) State any two dangers caused by wind to people.

(i) _____

(ii) _____

42. Study the map of East Africa below and answer questions about it.



(a) Name the game park marked with letter D.

(b) Name the inland port labelled F.

(c) Mention any one power station found on River marked R.

(d) Name the type of mountain marked T.

43(a) Mention the group of foreigners who built Fort Jesus at Mombasa.

(b) Give any one reason why Fort Jesus was built in East Africa.

(c) Give any two positive results that were caused in East Africa by the foreigners named in (a) above.

(i) _____

(ii) _____

44a) Who was the founder of Bunyoro-Kitara?

(b) State any three factors that led to the collapse of Bunyoro Kitara Empire.

i) _____

ii) _____

iii) _____

45. Study the climatic table below and answer questions about it.

Months of the year	J	F	M	A	M	J	J	A	S	O	N	D
R/F(mm)	-	-	-	-	20	18	22	16	-	-	-	-
Temp(°C)	37	39	40	40	40	39	37	39	40	42	44	38

(a) Name the type of climate represented on the table above.

(b) State any one characteristic of the climate represented on the table.

(c) Mention any one cause of the climate represented on the table.

(d) Find the range in temperature.

46(a). Give any one reason why the British colonialists formed Legislative Council (LEGCo) in Uganda.

(b) What made Africans in Uganda unhappy with the LEGCo before 1945?

(c) State any two problems Africans in Uganda faced during colonial rule.

47(a) Mention any two roles of National Environment Management Authority (NEMA) in protecting the environment.

- (i) _____
(ii) _____

(b) Write down any two problems faced by NEMA when doing its work.

- (i) _____
(ii) _____

48(a) Name the river in East Africa where Seven Forks Dam was built.

(b) Give any two ways in which Seven Forks Dam contributes to development in Kenya.

- (i) _____
(ii) _____

(c) Name any one power station which is part of the Seven Forks Dam.

49. Match the leaders in list A to their roles in B.

List A	List B
District Speaker	Chairs the security Committee in the district
District Police Commander (DPC)	Chairs council meetings at the district.
Resident District Commissioner (RDC)	Is the political head of the district
Chairperson LCV	Gives permission to people who hold public meetings and gatherings in a district.

a) District Speaker _____

b) District Police Commander _____

c) Chairperson LCV _____

d) Resident District Commissioner _____

50(a) Apart from Ethiopia, name two other countries found in the Horn of Africa.

(i) _____

(ii) _____

(b) How did Ethiopia become a landlocked country?

(c) What is the capital city of Ethiopia?

For questions 51 to 55, answer Either Christianity OR Islam but not both alternatives in a number.

51. Either:

(a) Which day marks the beginning of fasting period in Christianity?

b) Give any two ways in which a Christian benefits from fasting.

(i) _____

(ii) _____

c) Mention any one of the temptations Jesus overcame in the wilderness.

Or:

a) Which celebration marks the end of saum in Islam?

b) Give any two ways in which a Moslem benefit from saum.

(i) _____

(ii) _____

c) Mention the month when Moslems observe saum.

Either:

(a) Give any two ways in which Jesus Christ lived a perfect life.

(i) _____

(ii) _____

b) State any two ways a Christian can show an example of Jesus perfect life.

(i) _____

(ii) _____

Or:

(a) Give any two ways Prophet Muhammad (PBUH) lived a perfect life.

(i) _____

(ii) _____

b) State any two ways a Moslem can show an example of Prophet Muhammad's perfect life.

(i) _____

(ii) _____

53. Either:

(a) Write any two common beliefs about life after death in Christianity and Islam.

(i) _____

(ii) _____

b) State any two ways a Christian prepares for life after death.

(i) _____

(ii) _____

Or:

(a) Write any two common beliefs about life after death in Christianity and Islam.

(i) _____

(ii) _____

b) State any two ways in which a Moslem prepares for life after death.

(i) _____

(ii) _____

Either:

(a) Mention any two examples of human weaknesses that can cause a Christian to sin.

(i) _____

(ii) _____

b) Give any two ways in which a Christian can overcome sin.

(i)

(ii)

Or:

(a) Mention any two examples of human weaknesses that can cause a Moslem to sin.

(i)

(ii)

b) Give any two ways in which a Moslem can overcome sin.

(i)

(ii)

55.

Either:

(a) What name is given to the last meal Jesus had with His disciples before He was arrested?

b) Name the sacrament which is celebrated to remember the last meal of Jesus Christ.

c) State any two events that happened during the last meal Jesus had with his disciples.

(i)

(ii)

Or:

(a) Name the cave where Prophet Muhammad hid for safety during Hijra.

b) Name the creature which provided protection to Prophet Muhammad (PBUH) in the cave during Hijra.

c) Give any two reasons why Prophet Muhammad (PBUH) performed Hijra.

(i)

(ii)

THE END