THE SIPRO MID - TERM III EXAMINATIONS 2024

SUBJECT : **MATHEMATICS**

CLASS : PRIMARY FOUR

DURATION : 2 hours 30 minutes

Name :

School :

District :

READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

1. This paper has two sections A and B.
2. Section A has **20** questions (**40 Marks**).
3. Section B has **12** questions (**60 Marks**).
4. Attempt all questions in both sections. All answers to both sections A and B. must be written in the spaces provided.
5. All answers must be written in blue or black ball point pens or ink. Only diagrams and graph work must be done in pencil.
6. Unnecessary **alteration** of work will 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"

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SECTION A: 40 MARKS

Attempt all questions in this section.

Questions 1 to 20 carry two marks each.

1.	Name the figure drawn below. _____	2.	Given that set $A = \{a, b, c, d\}$ and set $R = \{c, a, r, d\}$. Find set $A \cup R$.
3.	Find the **next** two numbers in the sequence below: 3, 6, 9, 12, _____, _____	4.	Fill in the missing number; $\square \div 5 = 2$
5.	Work out the next two **equivalent** fractions of $\frac{1}{3}$	6.	Work out: $\begin{array}{r} kg \quad g \\ 4 \quad 100 \\ + 2 \quad 050 \\ \hline \\ \hline \end{array}$
7.	Write in **short** form: $700 + 70 + 7$	8.	Multiply: $\begin{array}{r} 5\,3\,2 \\ \times \quad 3 \\ \hline \\ \hline \end{array}$
9.	How many **sh. 500** coins can be got from a **sh. 5,000** note?	10.	Work out: $\begin{array}{r} weeks \quad days \\ 3 \qquad 5 \\ + 2 \qquad 4 \\ \hline \\ \hline \end{array}$
11.	Draw pictos to represent 20 balls if ⚽ represents **5 balls**.	12.	Use >, < or = to complete: $\frac{2}{3}$ _____ $\frac{1}{3}$

| 13.	Given that **set A** = {t, i, n} and **set W** = {1, 2, 3}. What is the **relationship** between set A and set W?	14.	Name the **solid** figure drawn below. _____
15.	List all the first three **odd** numbers.	16.	Write in **short form**: 3m + 5m + m
17.	Find the **area** of the figure below.	18.	Change **28** into Roman numerals.
19.	Draw tallies to represent **18**.	20.	Mr. Katende bought **7** exercise books at sh. **14,000**. How much money did he pay for **each** book?

SECTION B: 60 MARKS

Attempt all questions in this section.

Marks for each part of the question are indicated in the brackets.

21 Study the figure below carefully and use it to answer the questions that follow.

```
     Z ☐━━━━━━━╫━━━━━━━☐ Y
       │                │
       ┤                ┤─4m
       │                │
     W ☐━━━━━━━╫━━━━━━━☐ X
              7m
```
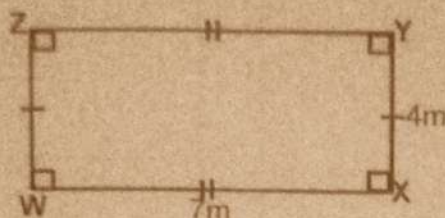
a) Draw a diagonal line **WY** on the figure above.   *(01 mark)*

b) Calculate the **area** of the above figure.   *(02 marks)*

c) Work out the **total distance** round the figure above. *(02 marks)*

22a) Change $3\frac{1}{2}$ into an **improper** fraction.   *(02 marks)*

**b)** Express $\frac{9}{2}$ into a **mixed number** *(02 marks)*

23a) Mr. Wambuzi bought a cow at a certain amount of money and he later sold it to Mr Kiwanuka at sh. 500,000 making a profit of sh. 100,000. How much did Mr. Wambuzi buy the cow?

(02 marks)

b) **Work out:** sh. 3000. *(02 marks)*

$$\begin{array}{r} 3000 \\ \times \quad 2 \\ \hline \\ \hline \end{array}$$

24.

Given that set Q = { △, O, □, ◁ } and set R = { O, ▱, △, △ }

a) **Represent** the above information on the venn diagram below. *(03 marks)*

Q   R
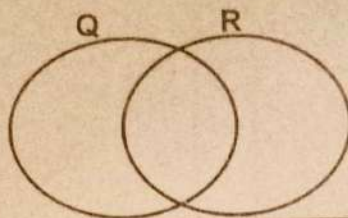
b)	List the members of set Q ∩ R. *(01 mark)*	c)	How many elements are in set Q union set R? *(02 marks)*

25. Using a ruler, a pencil and a protractor only, draw a rectangle **PQRS** where line PQ = 5cm and QR = 4cm *(04 marks)*

26a) Expand **324** using values. *(02 marks)*

b) Dr. Diana bought **XXXVIII** vaccines for Katwe Football Club and she also bought **XIX** vaccines for Odwol Football Club. Find the total number of vaccines bought in Hindu-Arabic numerals.

(04 marks)

27. The bar graph below shows the number of pupils who were present at Elite Kings Junior School. *Study it carefully and use it to answer the questions that follow.*
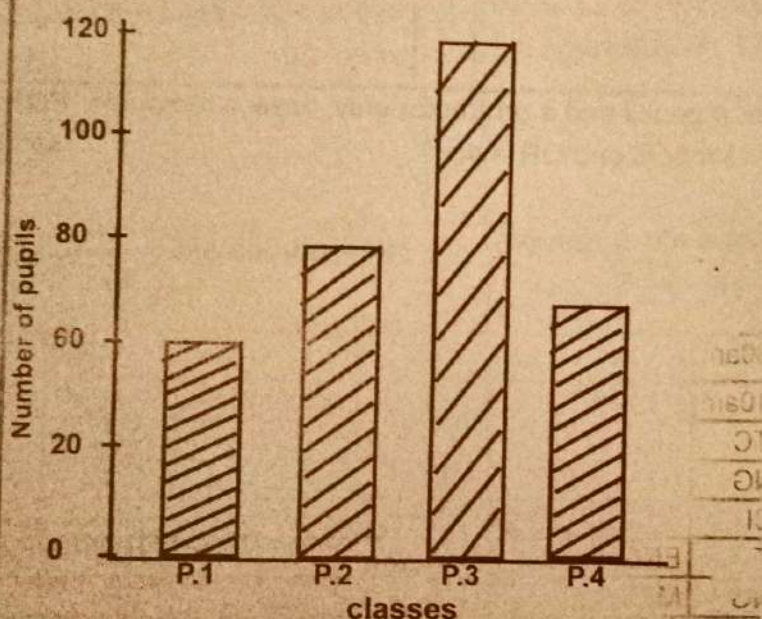
:) How many pupils were **present** in primary **two?**

(02 marks)

b)	How many pupils were **present** in primary **one** and primary **three** altogether? *(02 marks)*	c) If the whole class had 150 pupils, how many pupils were **absent** in primary three? *(02 marks)*

28a)	**Add:** 4 5 7 8 9
	     + 2 3 2 5
	     _____ *(02 marks)*

b)	Otiimu had **1472** mangoes and Habibah had **twice** the mangoes for Otiimu. How many mangoes did they have **altogether**? *(02 marks)*

29. The time table below is for P.4 of a certain school. *Study and use it to answer the questions that follow.*

Days	8:30am 9:10am	9:10am 9:50am	9:50am 10:30am	10:30am 11:00am	11:00am 11:40am	11:40am 12:20pm	12:20pm 1:00pm
Mon.	MTC	SCI	ENG		SST	MTC	ENG
Tue.	ENG	P.E	MTC		SCI	SST	RE
Wed.	SCI	MTC	P.E		SST	ENG	CAPE3
Thu.	MTC	ENG	SCI		SST	MTC	RE
Fri.	ENG	MTC	P.E		SCI	SST	MTC

a) How many **mathematics** lessons has the timetable above? *(02 marks)*

b)	For how **long** does the **P.E** lesson take? (02 marks)	c)	Find the length of break time. (02 marks)

30a) Find the missing number.

$\square + 5 = 45$ (02 marks)

b) Oscar had **124** apples and his father removed **17 apples** from him. How many apples does he have **now**? (02 marks)

31 The **sum** of the value in the table below are the same diagonally, horizontally and vertically. Fill in the missing numbers. (05 marks)

11		9
	8	
7		5

32a) Complete the **abacus** below. (03 marks)

H   T   O

3   5

b) **Expand** the above number using **values**. (02 marks)

c) Write **345** in words. (01 mark)

THESIPRO MID - TERM III EXAMINATIONS 2024

SUBJECT	:	INTEGRATED SCIENCE
CLASS	:	PRIMARY FOUR
DURATION	:	2 hours 15 minutes

Name: _____

School: _____

District: _____

READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

1. This paper has two sections: **A** and **B**.
2. Section A has **40** questions (40 Marks)
3. Section B has **15** questions (60 Marks).
4. Attempt all questions in both sections. All answers to both sections **A** and **B** must be written in the spaces provided.
5. All answers must be written in blue or black ball point pens or ink. Only diagrams and graph work must be done in pencil.
6. Unnecessary alteration of work will 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:
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SECTION A : 40 MARKS

Questions 1 to 40 carry one mark each.

1. Mention the body organ used for feeling.

_____

2. State any **one** importance of oxen to a crop farmer.

_____

3. Why are coffee crops regarded as flowering plants?

_____

4. Give any **one** way of managing sunny weather.

_____

The diagram below is of a component of a clean home. Study and use it to answer question 5.

5. Give a reason why a clean home should have the component drawn above.

_____

6. What name is given to a male mature rabbit?

_____

7. Why are people encouraged to use toothpaste when brushing teeth?

_____

8. Name **one** example of fuel got from trees.

_____

9. Mention the part in the human body that has a similar function as the gills of a fish.

_____

10. Why are people discouraged from drinking unboiled water?

_____

11. Give any **one** way of conserving electricity at home.

_____

12. State **one** danger of leaving food uncovered.

_____

The diagram below is of a permanent tooth showing regions.
Study it carefully and use it to answer questions 13 and 14.

W

Neck

root
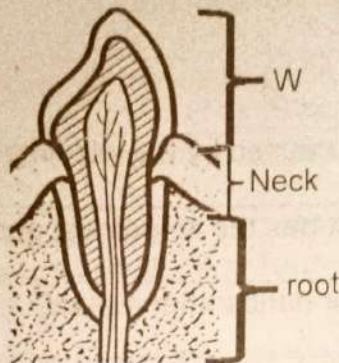
13. Write **one** mineral salt that makes up the region of a tooth marked **W**.

_____

14. State **one** habit among young children that may harm the teeth.

_____

15. Why do people wash their hands before eating food?

_____

16. What crop growing practice prevents heavy banana fruit from falling?

_____

17. Which class of food boosts our body immunity?

_____

18. Mention any **one** item that can protect our feet from injuries.

_____

19. Name the weather instrument that uses both alcohol and mercury to work.

_____

20. State any **one** activity done to reduce rubbish in our environment.

_____

21. Why do people dry harvested food before storage?

_____

22. State the meaning of the term vectors.

_____

_____

23. Give **one** way oxygen is useful to plants.

_____

24. Name **one** breeding place for mosquitoes.

_____

The diagram below shows an intestinal worm. *Study and use it to answer question 25.*

25. Which health problem is caused by the intestinal worm drawn above?
_____

26. Write the type of soil that has the smoothest and finest particles.
_____

27. Why should we wash our hands after a meal?
_____

28. Name **one** source of food in our community.
_____

29. What name is given to a mixture of gases in the environment?
_____

30. How are incisor teeth adapted to their function of cutting food?
_____

31. Which group of animals has the body covered with feathers?
_____

32. Which deficiency disease makes a baby have a **swollen** moon face and little brown hair?
_____

33. Name any **one** building material made from soil.
_____

34. Why is malaria called a communicable disease?
_____
_____

35. Mention any **one** danger of poor sanitation in a community.
_____

The diagram below shows a food storage facility. *Study and use it to answer question 36.*

36. Give a reason why rats are not always common in the structure above.
_____

37. How is an anemometer useful at a weather station?
_____

38. State **one** importance of a tape measure to a person sowing seeds.
_____

39. Write the role of the sun in the water cycle.
_____

40. Give **one** importance of movement to animals.
_____

SECTION B : 60 MARKS
*Questions **41** to **55** carry **four** marks each.*

41. a) Name any **two** examples of wingless insects in our environment.
(i) _____
(ii) _____
(b) State any **two** dangers of some insects to crop farmers.
(i) _____
(ii) _____

42. a) Write the group of people that is mainly targeted in the PIASCY programme.
_____

(b) Mention any **two** examples of PIASCY messages.
(i) _____
(ii) _____
(c) Give any **one** problem faced by school children who don't follow the PIASCY programme.
_____

43. a) State any **one** importance of these types of weather:
(i) rainy weather _____
(ii) sunny weather _____
(b) State any **two** dangers of too much rainfall in the community.
(i) _____
(ii) _____

44. a) Which term is used to mean the process by which plants make starch?
_____

(b) Mention any **two** conditions necessary for plants to make starch.
(i) _____
(ii) _____
(c) Why can't plants make starch at night?
_____

45. The item drawn below is commonly used by people moving on a motorcycle. *Study and use it to answer the questions that follow.*

(a) Name the item drawn above.

_____

(b) How is the tool above important to a person moving on a bicycle?

_____

(c) Name any **two** ways of controlling road accidents on a busy road.

(i) _____

(ii) _____

46. a) Name the garden tool used in pruning crops.

_____

(b) State any **two** advantages of pruning.

(i) _____

(ii) _____

(c) Give **one** importance of pruned materials to crop farmers.

_____

47. a) What name is given to the young ones of the following domestic animals?

(i) rabbits _____

(ii) cows _____

(b) State **two** ways of caring for domestic animals.

(i) _____

(ii) _____

48. a) Write any **two** examples of bad eating habits.

(i) _____

(ii) _____

(b) State any **two** importance of practising good eating habits as we eat food.

(i) _____

(ii) _____

49. The diagram below is of an instrument used in hospitals by health workers. *Study it carefully and use it to answer the questions that follow.*

handle
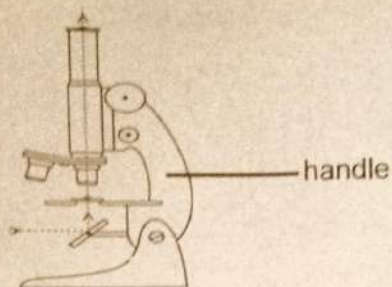
(a) Name the instrument drawn above.

_____

(b) Give the use of the instrument drawn above to health workers.

_____

(c) Apart from the one drawn above, give **two** other items used in the hospital by health workers.

(i) _____

(ii) _____

50. a) Name the type of leaf venation in the plants given below;
   (i) maize plant _____
   (ii) bean plant _____
   (b) Name the part of a leaf that;
   (i) is used for breathing _____
   (ii) attaches it to the branch/stem _____

51. a) Mention any **two** importance of banana fibres to people.
   (i) _____
   (ii) _____
   (b) Name any **two** other natural materials got from plants.
   (i) _____
   (ii) _____

52. a) Give a reason why most crop farmers prefer growing annual crops to growing perennial crops.

_____

_____

   (b) Write any **two** examples of annual crops.
   (i) _____
   (ii) _____

(c) Give **one** disadvantage of growing annual crops.

_____

53. The diagram below shows some body organs. *Study it carefully and use it to answer the questions that follow.*
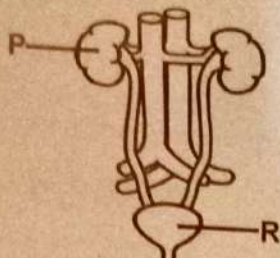
(a) Identify the body organ marked with letters;

(i) **R:** _____

(ii) **P:** _____

(b) State **one** role of organ marked with letter **P** on the diagram above.

_____

(c) Give any **one** way of caring for organ marked with letter **R**.

_____

54. a) How are these items important in our homes?

(i) rack? _____

(ii) bathroom? _____

(b) State any **two** diseases common in homes where members drink unboiled water.

(i) _____

(ii) _____

55. Match these parts of a flower to their uses.

Part	Use
sepal	- stores ovules
stigma	- attracts pollinating agents
ovary	- protects a young flower
petal	- receives pollen

(i) sepal : _____

(ii) stigma : _____

(iii) ovary : _____

(iv) petal : _____

THE SIPRO MID - TERM III EXAMINATIONS 2024

SUBJECT	:	SOCIAL STUDIES WITH RELIGIOUS EDUCATION
CLASS	:	PRIMARY FOUR
DURATION	:	2 hours 15 minutes

Name :
School :
District :

READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

1. This paper has two sections: **A** and **B**.
2. Section A has **40** questions (40 Marks).
3. Section B has **15** questions (60 Marks).
4. Attempt all questions in both sections. All answers to both sections **A** and **B.** must be written in the spaces provided.
5. All answers must be written in blue or black ball point pens or ink. Only diagrams and graph work must be done in pencil.
6. Unnecessary alteration of work will 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:

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SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each.

1. Name any **one** island district in Lake Victoria.
_____

2. Mention the basic need children get from a hospital.
_____

3. Give any **one** use of a school signpost to people in the community.
_____

4. Mention any **one** type of holidays.
_____

5. How do local healers benefit from vegetation?
_____

6. Draw the map symbol of a swamp in the space provided.

_____

7. Mention any **one** feature used to read the map easily.
_____

8. In which way is a music, dance and drama festival useful at school?
_____

9. Why are the school going children advised to move in groups?
_____

10. How are palm leaves important to the craft industry?
_____

11. How can one become a chairperson LCIII in a sub-county?
_____

12. Name the weather condition that makes murram roads slippery.
_____

13. State any **one** importance of rules and regulations at home.
_____

14. Write any **one** advantage of road transport.
_____

15. State any **one** effect of charcoal burning on the environment.
_____

16. Name any **one** example of a social activity in your community.
_____

17. State any **one** importance of customs to people.

_____

The diagram below shows a person found at school. *Study and use it to answer question 18.*

18. How is the above person useful at school?

_____

19. Give any **one** member of an extended family.

_____

20. Name the map symbol drawn below

_____

21. Which group of people make wooden furniture in the community?

_____

22. Give any **one** cause of child labour.

_____

23. Mention any **one** important place where food is sold.

_____

24. Give any **one** importance of trees at home.

_____

25. Name the capital city of Uganda.

_____

26. State the use of a school anthem to a school.

_____

27. How useful is a basket to crop farmers?

_____

28. Name any **one** physical feature in our district.

_____

29. Apart from washing utensils, write any other role of children at home.

_____

30. Write any **one** group of people who need help in the community.

_____

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2

31. Name any **one** economic activity done by people in our district.

_____

32. Mention any **one** source of artificial materials for making handicrafts.

_____

33. State any **one** cultural practice performed by people in your community.

_____

34. Give any **one** example of road safety rules.

_____

35. How do prisons promote security?

_____

In each of the questions 36 to 40, answer Either the Christian Or Islamic question but not both. No marks will be awarded to a pupil who attempts both alternatives on the same number.

36. **Either** : Write any **one** way Jesus Christ showed authority over sickness.

   Or : Write any **one** way Prophet Muhammad (PBUH) showed authority in Islam.

_____

37. **Either:** How is the book below important to Christians?

   Or : How is the book below important to Muslims?

38. **Either:** Mention **one** way of respecting church leaders.

   Or : Mention **one** way of respecting Muslim leaders.

39. **Either** : Which angel brought good news to Virgin Mary about the birth of Jesus Christ?

   Or : Which angel revealed the Holy Qur'an to Prophet Muhammad (PBUH)?

_____

40. **Either** : Name the man of God who built the ark.

_____

Or : Name the prophet who built the ark.

_____

SECTION B: 60 MARKS
Questions 41 to 55 carry four marks each.

41. (a) Write any **two** types of leaders in our district.

(i) _____

(ii) _____

(b) State any **two** ways leaders are important to people.

(i) _____

(ii) _____

42. (a) Mention any **two** groups of people who work in a school.

(i) _____

(ii) _____

(b) Give any **two** ways in which a community is important to the school.

(i) _____

(ii) _____

43. Match the items in list A with those in list B correctly.

list A	list B
wood	ropes
sisal	cups
clay	mats
palm leaves	stools

(i) wood _____

(ii) sisal _____

(iii) clay _____

(iv) palm leaves _____

44. (a) Name any **two** natural sources of water apart from lakes.

(i) _____

(ii) _____

(b) Write any **two** uses of lakes to people.

(i) _____

(ii) _____

45. (a) What is vegetation?

_____

_____

(b) Mention any **two** examples of natural vegetation.

(i) _____

(ii) _____

(c) Give any one way people destroy the vegetation in an area.

_____

46. (a) Mention any two ways children's rights are abused in our community.

(i) _____

(ii) _____

(b) Give any one way children can protect their rights.

_____

(c) Write any one danger of child abuse.

_____

47. (a) Apart from a school uniform, mention any two other symbols of a school.

(i) _____

(ii) _____

(b) How is a school uniform important to a school child?

(i) _____

(ii) _____

48. (a) What do we call a group of people who share the same origin and speak related languages?

_____

(b) Mention two examples of the groups of people in our district who speak related languages.

(i) _____

(ii) _____

(c) State any one reason why people migrate today.

_____

49. (a) Draw the road signs below.

humps ahead	zebra crossing

(b) Write any two causes of road accidents today.

(i) _____

(ii) _____

50. (a) Mention any two examples of fish caught from water bodies.

(i) _____

(ii) _____

(b) Give any two uses of fish to people.

(i) _____

(ii) _____

In each of the questions 51 to 55, answer Either the Christian Or Islamic question but not both alternatives in a number. No marks will be awarded to a pupil who attempts both alternatives on the same number.

51. Either; (a) Write any **two** gifts of the Holy Spirit.

(i) _____

(ii) _____

(b) State any **two** ways the Holy Spirit helps Christians today.

(i) _____

(ii) _____

Or; (a) Which Pillar of Islam helps **one** to become Hajji or Hajjat?

_____

(b) Apart from the above mentioned pillar, write any **three** other pillars of Islam.

(i) _____

(ii) _____

(iii) _____

52. Either: (a) Which creature tempted Eve in the garden of Eden?

_____

(b) Give **one** way Adam and Eve disobeyed God.

_____

(c) State any **two** effects of the disobedience of man.

(i) _____

(ii) _____

Or: (a) Which creature tempted Hawa in paradise?

_____

(b) Give **one** way Adam and Hawa disobeyed Allah.

_____

(c) State any **two** effects of the disobedience of man.

(i) _____

(ii) _____

53. Either: (a) Write any **two** examples of Christian customs.

(i) _____

(ii) _____

(b) State any **two** reasons why Christians pray.

(i) _____

(ii) _____

_____

Or: (a) Write any **two** Islamic practices.

(i) _____

(ii) _____

(b) State any **two** reasons why Muslims pray.

(i) _____

(ii) _____

54. **Either:** (a) Name any **one** example of the needy.

_____

(b) State **two** ways Christians help the needy.

(i) _____

(ii) _____

(c) Why should Christians help the needy?

_____

Or: (a) Name any **one** example of the needy.

_____

(b) State **two** ways Muslims help the needy.

(i) _____

(ii) _____

(c) Why should Muslims help the needy?

_____

55. **Either:** (a) What name is given to the house of the Lord?

_____

(b) Mention any **two** things found in the house of the Lord.

(i) _____

(ii) _____

(c) Write any **one** way of caring for the house of the Lord.

_____

Or: (a) What name is given to the house of Allah?

_____

(b) Mention any **two** things found in the house of Allah.

(i) _____

(ii) _____

(c) Give any **one** way of caring for the house of Allah.

_____