

MOTHER KEVIN MEMORIA PRIMARY SCHOOL
P. 7 Term I Revision (Set VIII)
Integrated Science
Time allowed: 2 hours and 15 minutes

Name: _____ **Stream:** _____

SECTION A (40 marks)

1. Give one element of weather.

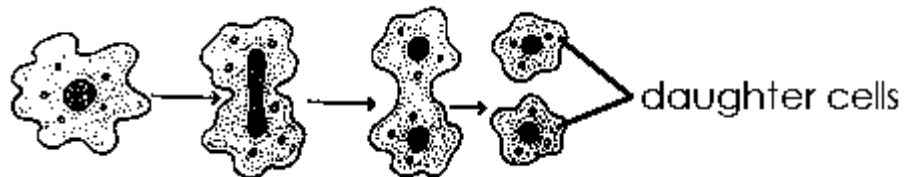
2. Name the set of teeth that replace milk teeth.

3. State one way of controlling rabbit diseases.

4. Give the type of soil that does not allow water to pass through it easily.

5. State one way of protecting our legs from cut injuries.

Study the mode of reproduction shown below and answer question 6.



6. Name one organism that reproduces as shown in the diagram above.

7. How do plants help in rain formation?

8. Which animal is kept at home to provide security?

9. Mention the substance in cigarette smoke that is harmful the lungs.

10. State one difference between heat and temperature.

11. State the benefit of planting trees in the compound.

12. Give any one bone that makes up the ossicles.

13. How does sleeping under a treated mosquito net control the spread of malaria?

14. Mention the class of food digested in the mouth.

15. State one sign of AIDS.

16. Name the type of a family in which there is a pregnant mother, a father and a maid.

Study the foot of a bird below and use of to answer questions 17.



17. Give one example of a bird with such a foot.

18. How is part marked **X** useful to the bird with such a foot?

19. How does bush burning lead to soil erosion?

20. Name the type of an injury managed with the help of splints.

21. Write down one material bees collect from flowers.

22. Give one health reason for ironing clothes.

23. Which part of the Irish potato plant is eaten by man?

24. Write down one reason why farmers castrate some of their billy-goats.

25. How can one protect himself from cold conditions?

Study the diagram of a child below and answer question 26 and 27.

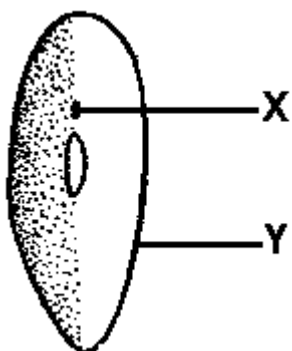


26. Which deficiency disease is likely to have affected the legs of the child shown above?

27. From which part of a plant do branches develop?

28. State one disadvantage of Palm Sunday to the environment.

Study the diagram of a seed below and answer questions that follow.



29. Point out the substance that enters through part marked X during germination.

30. What role is played by the food we eat in our bodies?

31. How is dehydration controlled in patients of diarrhoea?

32. Why do some objects sink in water?

33. Give one danger of cutting trees on a large scale without planting others.

34. Mention one characteristic of red blood cells.

35. Give one way of controlling preventing diseases spread by eating with dirty fingernails.

36. Why do we usually see lightning before we hear thunder?

37. Apart from polio, give another immunisable disease whose vaccine is given at birth.

38. In which body part is the heart located?

39. How do trees depend on birds in the same environment?

40. State one health danger of sharing beddings at home.

Section B (60 marks)

- 41(a) Give one difference between a first aid box and a first aid kit.

- (b) Write down one component of a first aid kit.

- (c) Apart from death, give one effect of an accident to a casualty.

- (d) Why should a good first aider be quick?

- 42(a) Apart from food and nutrition, mention one element of PHC.

(b) How is food and nutrition as an element of PHC important in the life of a child?

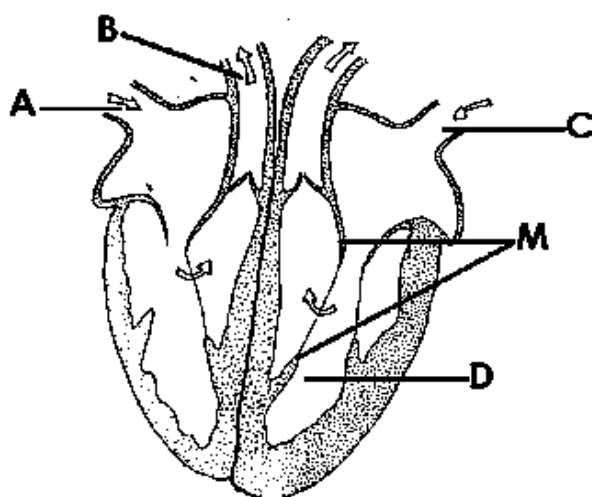
(c) Give the elements of PHC promoted through the following activities.

(i) Covering open wells and cleaning water sources

(ii) Provision of a stretcher for casualties that cannot walk

43. In the space provided below, draw a set up of an overflow can used in measurements.

44. **Study the diagram of a human heart below and answer questions that follow.**



(a) Name the part labeled D.

(b) What type of blood is carried by blood vessel marked A?

(c) To which organ does blood vessel marked B transport blood?

(d) How are the structures marked M useful in the circulation of blood?

45(a) Apart from a tapeworm, mention one other intestinal worm.

(b) What does a tape worm feed on?

(c) Write down one effect of worm infestation to a person.

(d) State one way a P.6 pupil can protect himself from intestinal worm infestation.

46(a) Which natural process is similar to distillation of alcohol?

(b) State the importance of fire during the distillation process of making alcohol.

(c) In which part of the digestive system is alcohol absorbed?

(d) What is the importance of cold water during distillation of alcohol?

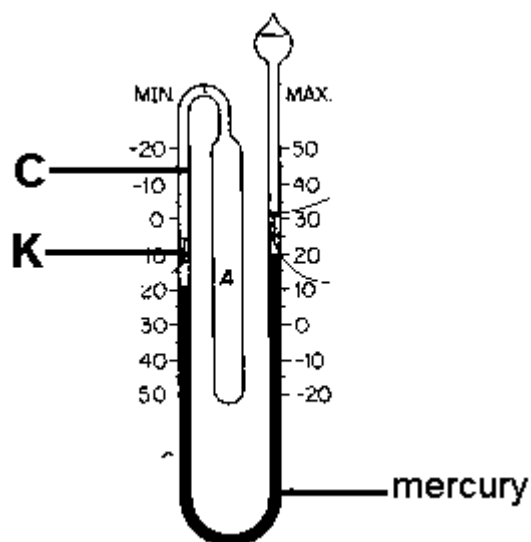
47(a) What is air?

(b) Which gas takes the largest percentage in air?

(c) Why is carbon dioxide used in preservation of bottled drinks?

(d) How is wind dangerous to people?

48. **The diagram below shows a Six's thermometer. Study it and answer questions that follow.**



(a) Name part marked K.

(b) Which liquid is found in part labeled C?

(c) What is the use of the above thermometer at a weather station?

(d) How is the above thermometer reset?

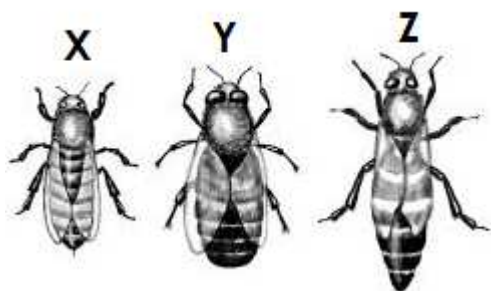
49(a) Mention one component of soil.

(b) Which type of manure do farmers obtain from animal droppings and urine?

(c) How are polythene papers dangerous to the soil?

(d) Why do people prefer using natural fertilizers to artificial fertilizers?

50. **Study the type of bees below and answer the following questions.**



(a) Name bees X and Z.

(i) X _____

(ii) Z _____

(b) Mention the major product got from bee keeping.

(c) Give one way of controlling swarming in bees.

51(a) Give the item needed for keeping the following body parts clean.

(i) teeth _____

(ii) ears _____

(b) Why is it not recommendable to enter a latrine bare feet?

- (c) Give one reason why there should be a container of water in a toilet or latrine.

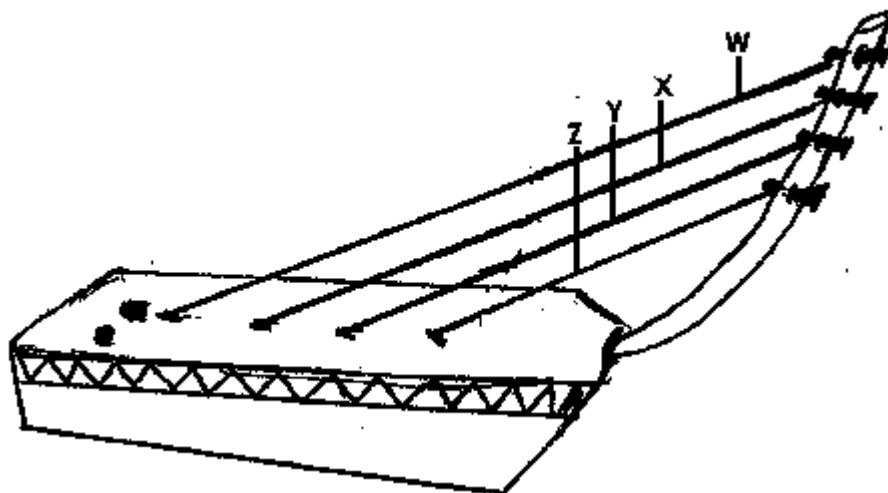
- 52(a) How is a spiny anteater similar to an eagle in terms of reproduction?

- (b) Why is a cow regarded to be an ungulate?

- (c) How are scavenger mammals useful in the environment?

- (d) To which group of mammals does man belong?

53. **Study the diagram of a musical instrument below and answer questions that follow.**



- (a) Name the above musical instrument.

- (b) Which string on the musical instrument will produce the highest pitch of sound?

- (c) Give a reason for your answer above.

- (d) How does the above instrument produce sound?

- 54(a) Give one disease that affects cassava.

- (b) How is cassava harvested?

(c) Apart from cassava, give one other crop that stores food in its roots.

(d) Why is it important for people who do heavy duties to eat cassava?

55(a) Give the types of changes responsible for the following.

(i) melting of candle wax

(ii) hatching of eggs

(iii) burning of charcoal to ash

(b) How is burning similar to rusting?

MOTHER KEVIN MEMORIAL PRIMARY SCHOOL

P. 7 Term I Revision (Set VIII)

Social Studies and Religious Education

Time allowed: 2 hours and 15 minutes

Name: _____ Stream: _____

SECTION A (40 marks)

1. Name the domestic animal kept for security.

2. Which physical feature covers most parts of East Africa?

3. Give any one traditional way of preserving fish.

4. Name the main tea growing area in Kenya.

5. What is the direction of Uganda from South Sudan?

6. Mention any one economic activity that the Bachwezi are remembered for.

7. Give one reason why many people in East Africa don't carry out plantation farming.

8. Which energy is generated from hot springs?

9. Mention any natural disaster that can lead to famine.

10. Why were the early European explorers to Uganda traveling through Tanzania instead of passing through Kenya which was shorter?

11. Name the climatic region that is best for animal rearing.

12. Name any one lava – dammed lake in Uganda.

13. Why is the government of Uganda encouraging the construction of valley dams in Karamoja?

14. Name the chemical from wattle trees that is used in leather tanning industries.

15. Give one reason why the people of Uganda are encouraged to grow more non-traditional cash crops than traditional ones

16. Why did the missionaries introduce formal education?

17. Name any one symbol of Uganda as a nation that is found on the Uganda national coat of arms.

18. What name is given to the drawing of an object as seen from a side?

19. James was going to school in the morning and his shadow appeared on his left hand side. To which direction was he moving?

20. Give a reason why Kenya and Uganda have the same standard time.

21. Which type of climate experiences high temperatures and receives rainfall all year round?

22. Which national park in Uganda is famous for ostriches?

23. State any one way in which the evils of slave trade were stopped in East Africa.

24. Which factor makes it difficult to use tractors for cultivation in Kisoro District?

25. Draw a map symbol of a water fall in the space provided below.



26. In which way was Fort Jesus useful to the Portuguese in East Africa?

27. Name the British governor who encouraged cotton growing in Uganda.

28. Why did Bartholomew Diaz call the southern tip of Africa the "Cape of Storms"?

29. Mention the main crop grown in Kilombero irrigation scheme.

30. What does the road sign show below mean?



31. Name any one tool that can be used to change activities in a school.

32. Give one reason why trees are planted in a school compound.

33. How is clay soil important in crafts industry?

34. Why are most people who carry out subsistence farming poor?

35. Which organ of the government determines whether the law has been broken or not?

For questions 36 – 40, answer either Christianity or Islam “BUT NOT” both.

36. **Either:** Name the son of Adam who was killed by his brother.

Or: Name the son of Adam who was killed by his brother.

37. **Either:** How did Noah show his obedience to God?

Or: How did Nuhu show his obedience to Allah?

38. **Either:** What was the work of Moses before God called him?

Or: What was the work of Musa before he became a prophet?

39. **Either:** Name the place where Jesus was arrested.

Or: Name the place where prophet Muhammad was stoned.

40. **Either:** In which city was Jesus born?

Or: In which city was Prophet Muhammad born?

SECTION B (60 marks)

- 41(a) Name the natural forest in Uganda that is home to mountain gorillas.

- (b) Give one reason why tourism is called an industry.

- (c) Why is tourism regarded as an export?

- (d) Why are hotels constructed at tourist sites?

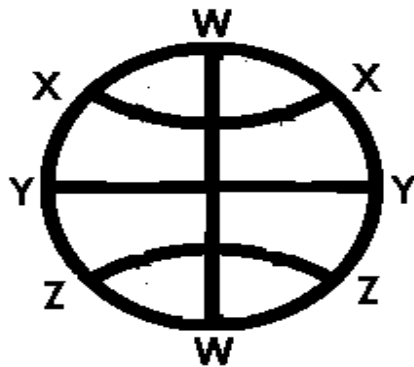
42(a) What type of rule did the British use in Uganda?

(b) Name the first colonial flag to be raised in Uganda.

(c) Why do you think Capt. F. D. Lugard restored Omukama Kasagama to his throne?

(d) Which method did the British use to establish their rule in Bunyoro?

Study the globe below and use it to answer question 43



43. (a) Name the imaginary line marked with letter X.

(b) How far is the imaginary line marked Z from Y?

(c) State one date when the sun is directly overhead the line marked Y.

(d) How is the imaginary line marked with letter W important?

44(a) Why was the East African community formed in 1967?

(b) Give any one reason why the East African community collapsed.

(c) Name the law making body of the East African Community.

- (d) Write down any one reason why the East African Community was revived.

- 45(a) What is a resource?

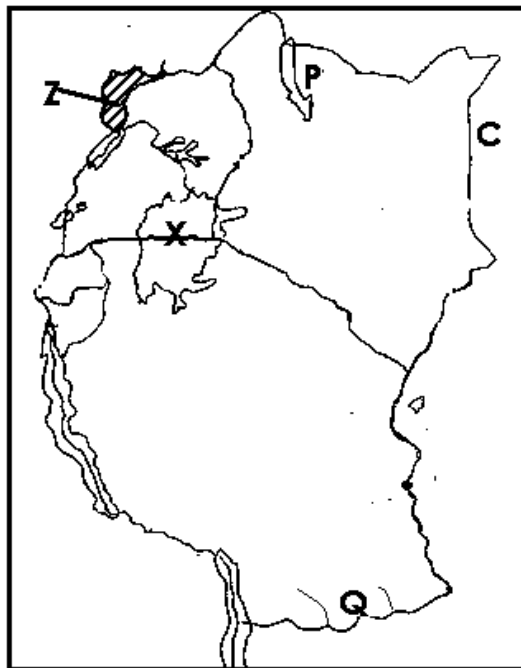
- (b) Mention any two ways land is important to people as a resource.

(i)

(ii)


- (c) Give one reason why water bodies are economically important apart from fishing.

Study the sketch map of East Africa and use it to answer question 46.



- 46(a) Name the country marked with letter C.

- (b) What is the direction of lake marked P from the lake marked X?

- (c) State one traditional cash crop that is mainly grown in the shaded region  marked with letter Z.

- (d) Name the river marked with letter Q on the map.

47(a) Which society sent the first Christian missionaries to Uganda?

(b) Name the first hospital to be opened by the British Protectorate government in Uganda.

(c) What role did Albert Cook play in the development of health services in Uganda?

(d) Why did Kabaka Mwanga order for the killing of Bishop Hannington?

48(a) Which railway line does Zambia use to transport goods to Dar-es- salaam for export?

(b) Apart from water, mention one other natural resource transported by pipeline.

(c) Why should fresh fish from Uganda to Britain be transported by air?

(d) In which way is railway transport better than road transport?

49(a) State any two economic reasons for the coming of colonialists to Africa.

(i)

(ii)

(b) Give two reasons why some Africans failed to resist colonial rule.

(i)

(ii)

50(a) What are agro-based industries?

(b) Mention one agro-based industry in Uganda.

(c) How are agro-based industries important to farmers?

- (d) What do you understand by the term "farming"?

For questions 51 – 55, answer either Christianity or Islamic but Not both.

51. **Either:** (a) Which sacrament makes a person join God's family?

-
- (b) What do the following represent during the Holy Communion?

- (i) Wine:

-
- (ii) Bread:

-
- (c) Why do Christians get the sacrament of Holy communion?

Or: (a) Which pillar of Islam makes one to become a Muslim?

-
- (b) What is the importance of the pillar you have mentioned in (a) above?

-
- (c) Mention any two animals that can be sacrificed by a Muslim.

- (i)

- (ii)

-
52. **Either:** (a) Which important event took place on Pentecost Day?

-
- (b) Why did Jesus Christ go to Jerusalem on Palm Sunday?

-
- (c) Name the person who was forced to help Jesus to carry the cross.

-
- (d) Give any one way in which Jesus suffered at the time of His crucifixion.

Or: (a) Which important event took place on 27th Rajab?

-
- (b) Give any one way in which prophet Muhammad suffered during his life time on earth.

(c) Who was the first Caliph in Islam?

(d) Name the place where prophet Muhammad gave his last farewell message to his followers.

53. **Either:** (a) What is work?

(b) Give any two reasons why Christians work.

(i)

(ii)

(c) State any one way in which people misuse work.

Or: (a) What is work?

(b) Give any two reasons why Muslims work.

(i)

(ii)

(c) State any one way in which people misuse work.

54. **Either:**(a) Give any two ways in which Jesus Christ helped the needy people.

(i)

(ii)

(b) State any two reasons why Jesus Christ helped the needy people.

(i)

(ii)

Or: (a) Give any two ways in which Prophet Muhammad (PBUH) helped the needy people.

(i)

(ii)

(b) State any two reasons why Prophet Muhammad (PBUH) helped the needy people.

(i) _____

(ii) _____

55. **Both:** (a) Mention any one sin children commit at school.

(b) State any one way in which children can avoid committing sin at school

(c) Give any two effects of children's indiscipline in schools.

(i) _____

(ii) _____

MOTHER KEVIN MEMORIAL PRIMARY SCHOOL

P. 7 Term I Revision (Set VIII)

English.

Time allowed: 2 hours and 15 minutes

Name: _____ Stream: _____

SECTION A Sub-section I (30 marks)

In questions 1 – 10, use the correct form of the words in brackets to complete the sentences.

1. Our house was built on a _____ piece of land. (rectangle)
2. My uncle's garage was _____ organised. (tidy)
3. Hardly had the debate _____ when it started raining. (begin)
4. I heard the _____ on radio this afternoon. (announce)
5. Lumondo, the motorcyclist, _____ in Kibuli Hospital since October, 2017. (to be)
6. Those _____ are our great friends. (Israel)
7. The P.6 pupils have locked _____ inside the classroom. (they)
8. Of the twins, Nyangoma is the _____ (happy)
9. The dress the seamstress gave you was not _____ (you)
10. You can use the expression "Yours _____" to conclude a social letter. (true)

For numbers 11 – 15, complete the given sentences by filling in the blank space with the most suitable word.

11. _____ we read the instructions carefully, we shall not underline what to do.
12. May I know _____ you did not complete your homework?
13. The opposers _____ the debate because they never had sufficient points for the motion.
14. The police are looking for the driver who knocked a child, _____?
15. Our school is nearer to the market _____ to the church.

Re –arrange the given words in dictionary order.

16. edit, stamp, column, headline

17. brake, break, blood, belief

Write the short forms of the following.

18. cannot _____

19. company _____

20. will not _____

Re – arrange the words to form a meaningful sentence.

21. weather, has, today's, What, been, hot!

Give a single word for the underlined words.

22. Kasodde always eats his breakfast in a hurry.

23. Is Barbra a well – behaved girl?

For questions 24 – 26, replace the underlined words with their opposite forms.

24. They were safe while they crossed the road at a junction.

25. Was the maid shabbily dressed?

26. Mary, my cousin, is a dishonest girl.

For questions 27 – 28, use the words in sentences that show their difference in meaning.

27. check

28. cheque:

In questions 29 – 30, write the plural forms of the given words.

29. a baby's bottle:

30. toothbrush

Sub - section II

In each of the questions 31 – 50, rewrite the sentence as instructed in brackets.

31. They started debating at 2:00 p.m. It is now 5:00 p.m. and they are still debating.

(Join the sentence using.....since.....)

32. Teachers mustn't choose prefects in schools.

(Rewrite the sentence using..... should not.....)

33. I would interview the news anchor if I visited the NTV studio.

(Join the sentence using....visit.....)

34. " Life is precious, " the traffic warden says. (Begin: The traffic warden says.....)

35. Makubuya had hardly started the car engine when the front tyre burst.

(Begin: No sooner.....)

36. Mababi was surfing on my computer. She deleted all my e – mails.

(Join using..... while.....)

37. They beat the thief badly. (Use ...was.....)

38. You needn't withdraw all the money from your account.

(Join using.....necessary.....)

39. No, I don't think Mariba is a good receptionist.

(Form a question to which the above statement is the answer.)

40. This chair belongs to our teacher of English. (Rewrite using:...owner)

41. I must mulch the garden. I want to control soil erosion.

(Rewrite and begin: In order.....)

42. All parents in Kabojja Junior School have vehicles. (Begin: Each parent.....)

43. Moze Radio composed, wrote and sang his own music without anybody's help.

(Rewrite and end.....himself.)

44. He apologised, but he was punished. (Join using....., yet.....)

45. Opposers gave strong arguments, but they lost the debate.

(Rewrite and begin: In spite.....)

46. If vendors don't reduce the prices on their goods, they won't get many customers.

(Join Beginning: Unless.....)

47. Pedestrians should take care while they are crossing busy roads.

(Rewrite using...careful.....)

48. Mabukeera filled a withdrawal form and then she gave it to the teller. (Begin: Having.....)

49. The teacher taught us social letters. He has been promoted. (Join using.....who...)

50. Their friend wrote to them. (Begin: A friend.....)

Section B

51. **Read the dialogue and answer the questions about it in full sentences.**

Anthony and Marion are waiting for a bus. Mrs. Brown, the tourist, approaches them and asks for direction

Mrs. Brown: Excuse me, could you tell me how to get to Blue Water Palace?

Anthony: Blue Water Palace? What is that?

Mr. Brown: It is a restaurant. I was told, it is on Queen's Road. This is Queen's Road, isn't it?

Marion: No, I am afraid it isn't. This is Queen's Street. Queen's Road is around the corner.

Anthony: Yes, can you see those traffic lights a head?

Mrs. Brown: Yes, I can.

Anthony: Well, walk down to the traffic lights then turn right and you are on Queen's Road.

Marion: No, you're not there yet, Anthony. Madam, you turn left for Queen's Road, not right.

Mrs. Brown: So I turn left, not right?

Marion: That's right, but Queen's Road is a very long road. Do you know the address of this restaurant?

Mrs. Brown: Yes, I do I have got it written here in my diary. Its number is four
nine four.

Anthony: In that case, you will have a very long walk. I think it will be better to
take a taxi.

Marion: That's right. Otherwise, it's a twenty – five minute walk.

Mrs. Brown: I see. Can I get a taxi here?

Anthony: No, they can't stop here. There is a sign post that reads, "No stopping
for taxis." You will have to walk down about fifty metres. You see,
there is one stopping there now.

Mrs. Brown: Yes, how much is the fare? I have no idea about taxi fare.

Marion: Oh, about two thousand shillings. That should be enough.

Mrs. Brown: Well, thanks for your help, friends. Good evening.

Anthony: You are welcome, madam.

Questions:

(a) How many people took part in the dialogue?

(b) What is Anthony and Marion doing?

(c) To which restaurant was the tourist going?

(d) According to the dialogue, on which road is this restaurant located?

(e) Why did Anthony advise Mrs. Brown to take a taxi?

(f) When does the dialogue take place?

(g) How did Anthony and Marion help Mrs. Brown?

(h) Where has the tourist written the address for the restaurant?

(i) How long will Mrs. Brown's journey to the restaurant take?

(j) Give the dialogue a suitable title.

52. **Re – arrange the sentences below to form a meaningful story about " A WONDERFUL DAY"**

- (a) My friend, joy and I had never walked in a group, so we enjoyed a lot.
- (b) The lesson was conducted by a traffic police officer at a busy road side.
- (c) After telling us about the Highway Code, she demonstrated how to direct vehicles in lanes.
- (d) Lastly, we went back to school happy.
- (e) Since the road is just a few meters from school, our teacher of English led us there on foot.
- (f) It was wonderful because our class had a lesson out of the classroom.
- (g) She told us about the Highway Code that must be observed by all road users.
- (h) "Directing vehicles in lanes helps to control traffic jam, " she told us.
- (i) Reaching there, a lady, dressed in a white attire, welcomed us.
- (j) Wednesday, 21st March, 2018 was a wonderful day for us.

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53. **Read the passage below and, in full sentences, answer the questions that follow.**

A VISIT TO THE NEW VISION OFFICES

Last year, Mr. Kitobero our Primary Five English teacher, had just completed teaching us about print media. He and the Head of the English department thought it wise to pay visit to the New Vision Group of companies offices which were only in a stone throw distance away from our only in a stone throw distance away from our school. This was mainly aimed at enabling them learn more about how news is gathered, edited and printed.

We were asked to pay sh. 10,000/- to facilitate our lunch and a token of appreciation to the tour guides. The tour was scheduled for 15th August 2017.

On arrival in the industrial area, Kampala, we were welcomed by Mr. Kabushenga, the New Vision Managing Director. He said the company is the producer of the New Vision, the Etop, Bukedde, Orumuri and many others. He then guided us to the editorial room where news gathered by journalists from near and far is edited by the chief editors. It is from here that a Headline is chosen.

Miss Ayebazibwe, in charge of printery, told us that puzzles are carefully selected so as to help the reader's imagination. She is also in charge of cartoons, obituaries, the editorials and letters. Advertisements are included to help business people advertise their businesses. Mr. Mawele, in charge of the international desk, told us

that international news is got from the Internet. He also told us the back page is mainly for sports news both national and international. Mr. Kabushenga advised us to always read newspapers so as to improve our reading skills, vocabulary. What an exciting and educative four it was!

Questions:

(a) What is the passage about?

(b) In which class is the writer?

(c) How far are the Vision Group of companies' offices from the writer's school?

(d) What is Mr. Robert Kabushenga?

(e) On which page can one access the sports news?

(f) How important are advertisements according to the passage?

(g) According to Mr. Kabushenga, why should pupils always read newspapers?

(h) From where does the company get international news?

(i) What do you think was the major aim of organising this tour?

(j) From where do journalists gather news?

54. **The notice below was hung on the noticeboard of Kitooma Village School. Study it and, in full sentences, answer the questions about it.**

DEBATE!	DEBATE!	DEBATE!
MOTION EDUCATION IS BETTER THAN WEALTH		
Chairperson: Hon Mugira Manuela		
Secretary: Hon. Kyakuwa Derrick		
Time keeper: Hon Nabisubi Justin		
The Jury: 1. Mrs Kajubi Brenda (For girls)		
2. Mr. Ssematsiko Brian (For boys)		
PROPOSERS (P.6 GIRLS)		OPPOSERS (P.6 BOYS)
1. Kusiima Catherine		1. Omolo Brighton
2. Athieno Joy		2. Kyeswa Sulaiman
3. Makenzi Rebecca		3. Abbey Masembe.
TIME: 2:00 p.m. – 4:00 p.m		
WHEN: Friday, 28 th March, 2017		
WHERE: KITOOMA VILLAGE SCHOOL MAIN HALL		
MR. BYENKYA AHMED,		
The Patron Debating Club		
(22nd February, 2017)		

Questions:

- (a) What is the notice about?

- (b) Where could one find the information above?

- (c) Who was the judge for boys according to the information?

- (d) What role was played by Hon. Kyakuwa Derrick during the debate?

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- On which day was the debate held?

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MOTHER KEVIN MEMORIAL PRIMARY SCHOOL

P. 7 Term I Revision (Set VIII)

Mathematics.

Time allowed: 2 hours and 30 minutes

Name: _____ Stream: _____

Section A (40 marks)

1. Work out: $59 - 34$

2. Write 24,018 in words.

3. Simplify: $^{-}8 - ^{-}5$

4. Given that $P = \{1, 2, 3, 4, 7, 8\}$ and $Q = \{1, 4, 5, 6, 8, 9\}$. Find $n(P \cup Q)$.

5. Find the sum of the 4th and 6th prime numbers.

6. Simplify: $5(2y - 3) - 6y$

7. A birthday party lasted for $3\frac{1}{2}$ hours. Express this time in minutes.

8. Work out: $\frac{3}{4} \div \frac{15}{16}$

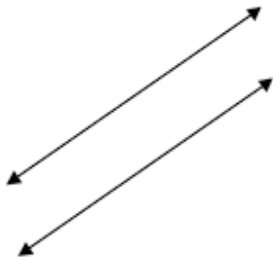
9. Express 72 as product of prime factors.

10. A train traveled at a speed of 30km per hour. How long did it take to travel 150km?

11. Solve: $3k + 5 = 17$

12. By selling a shirt for sh. 24,000, a trader makes a profit of sh. 6,500. What was the cost price of the shirt?

13. Name the type of lines drawn below.



14. Change 750 metres into kilometers.

15. What is the median of the following: 17, 30, 36, 25 and 29?

16. Using a pair of compasses, a pencil and a ruler, only, construct an angle of 60° .

17. Work out: 469×46

18. Find the value of the digit in the ten thousands place in the number 395,687.

19. Work out: $2.79 - 3.25 + 5.34$

20. A lorry carried 8,142 loaves of bread in 23 trips. It carried the same number of loaves each trip. How many loaves did it carry each trip?

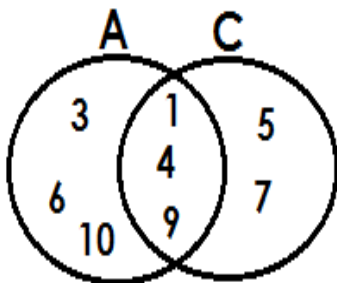
Section B (60 marks)

- 21(a) Change 102_{five} to base ten. **(2 marks)**

- (b) Work out: 312_{five} **(2 marks)**

$$\begin{array}{r} + 241_{\text{five}} \\ \hline \end{array}$$

22. Use the Venn diagram below to answer the questions that follow.



- (a) Write down the members of set A. **(1 mark)**

(b) Write down the members of set C. **(1 mark)**

(c) Find:

(i) $n(A - C)$ **(2 marks)**

(ii) $n(A \cup C)$ **(1 mark)**

23. Mapesa bought the following items from a shop:

2Kg of sugar at sh. 2,800 per kg

4 bars of soap at sh. 3,500 per bar

3 tubes of toothpaste at sh. 7,500

1 ½ kg of salt at sh. 1,200 per kg

(a) How much did he spend altogether? **(5 marks)**

(b) If he had 3 ten thousand shilling notes, what was his change? **(1 mark)**

24(a) Find the highest common factor (H.C.F) of 54 and 36. **(2 marks)**

(b) Find the lowest common multiple (L.C.M) of 15 , 20 and 24. **(2 marks)**

25(a) Find the value of $\frac{5mn + 2n}{p^2}$ if **m = 5, n = 3** and **p = 9** **(3 marks)**

(b) Solve: $4(2k - 3) = 28$ **(3 marks)**

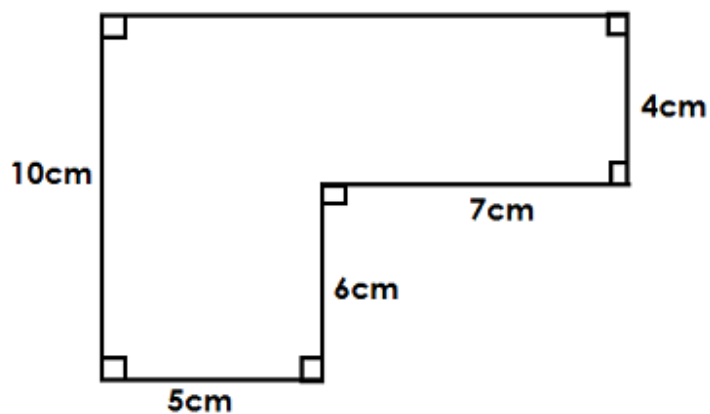
26. A girl spends $\frac{1}{5}$ of her pocket money on sweets and $\frac{2}{3}$ on drinks.

(a) What fraction does she spend? **(2 marks)**

- (b) If she has a pocket money of sh. 48,000, how much does she spend on drinks?
(2 marks)

27. Using a pair of compasses, a pencil and a ruler only, construct an equilateral triangle ABC in which $AB = BC = CA = 6\text{cm}$.
(4 marks)

28. **Study the figure below and use it to answer the questions that follow.**



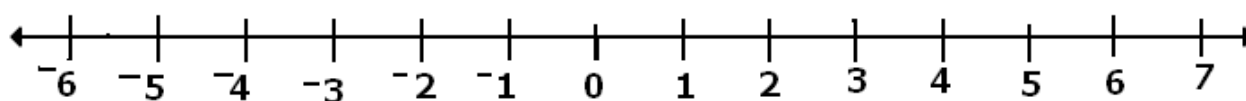
- (a) Calculate its perimeter.
(3 marks)

(b) Work out its area.

(3 marks)

29(a) Work out $-6 + +4$ using the number line below.

(3 marks)

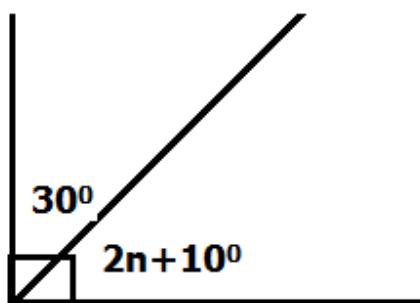


(b) The temperature of water at room temperature is 15°C and that of ice is -7°C . Find the difference in temperature between water and ice.

(2 marks)

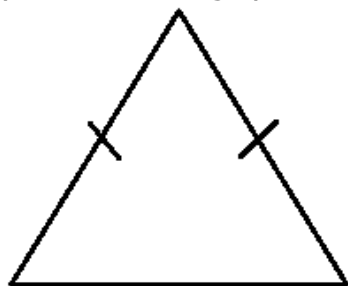
30(a) In the figure below, find the value of n .

(3 marks)




















(b) How many lines of folding symmetry does the figure below?


(2 marks)



31. A bus traveled from town A to town B at a speed of 90km per hour for 3 hours. It then traveled from town B to town C at a speed of 75km per hour for 2 hours. Calculate the total distance traveled from A to C. **(5 marks)**

32. The pictograph below shows the number of apples given out to some pupils in a P.6 class.

Musa	    
Paul	   
Annet	   
Grace	   

Scale:  = 8 apples

- (a) Who got the same number of apples? **(2 marks)**
- (b) How many apples did Annet get? **(2 marks)**
- (c) Work out the average number of apples given out to each pupil. **(2 marks)**