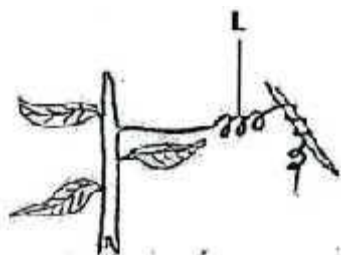


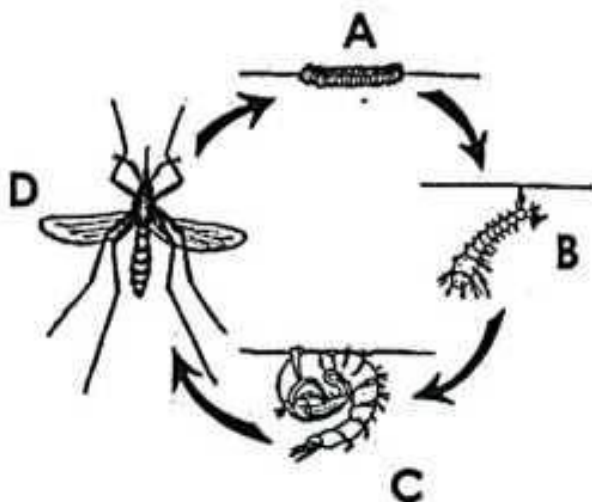
1. Name any one natural source of heat in the environment.
.....
2. Where in a mushroom are spores produced?
.....
3. In which way is the function of lungs in people similar to that of spiracles in grass hoppers?
.....

Use the diagram below to answer questions 4 and 5.



4. Name part marked L.
.....
5. How important is part L to a plant?
.....
6. Name the juice that emulsifies fats.
.....
7. Give any one way of preventing tooth decay.
.....
8. Give any one examples of a natural manure.
.....
9. How can the local breeds of goats be improved?
.....
.....
10. Give any one importance of mulching.
.....

Use the diagram below to answer question 11 and 12.



11. Name the stage marked with letter B.

.....

12. Identify any one disease spread by a female anopheles mosquito.

.....

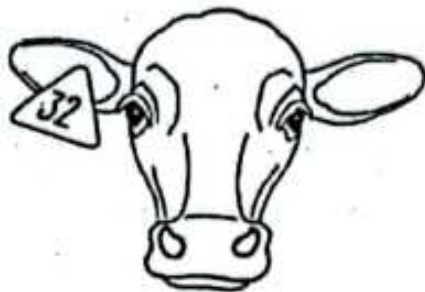
13. What is the importance of a gall bladder to a human being?

.....

14. Which part of a germinating maize grain stores food for the embryo? any one importance of mulching.

.....

15. Name the practice shown below.



.....

16. Mention one item at home which uses electricity to operate.

.....

17. What are leguminous crops?

.....

18. Why is a caterpillar regarded as a pest?

.....

19. Mention one way of controlling food contamination at home.

.....

20. State one danger of living in a dirty environment.

.....

21. In which one way can mulching be a disadvantage to crops?

.....

.....

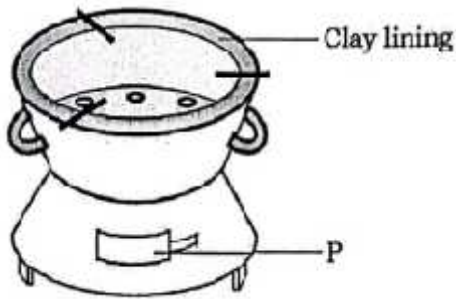
22. How do we use water as a resource?

.....

23. Mention one example of a root tuber eaten as food.

.....

The diagram below shows a commonly used equipment. Use it to answer question 24 and 25.

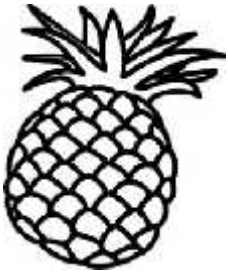


24. How important is the hole P on the above equipment.
.....
25. State the fuel that is commonly used in the above equipment.
.....
26. Which blood cell is affected by sickle cells?
.....
27. Mention the commonest method of milking carried out by cattle keepers in rural areas.
.....
28. Mention the substance removed by kidneys from blood.
.....
29. Write down one example of PIASCY messages that can be displayed in the school compound.
.....
30. State one advantage of carrying out crop rotation.
.....
31. What does the bird below feed on?



32. Of what importance is the bird above to the environment?
.....
33. Mention one way of promoting oral hygiene.
.....

Use the diagram below to answer questions 34 and 35.



34. How is the above fruit propagated?
.....

35. Which food value is obtained from the above fruit?
.....

36. Give one reason why animals move from one place to another.
.....

37. Give any one importance of mulching.
.....

38. Why do chameleons change their body colour?
.....

39. What type of transpiration takes place in leaves of plants?
.....

40. Name the type of bees that lays eggs in a bee hive.
.....

SECTION B

41. a) Mention two food stuffs which are sources of proteins.

i).....

ii).....

b) State two importance of proteins in the human body.

i).....

ii).....

42. a) Mention any two human activities that cause environmental degradation.

i).....

ii).....

b) State one danger of leaving soil bare.
.....

c) Write any one way of controlling the danger you have stated in 42(b) above.
.....

43. a) State any one importance of a skeleton to human beings.
.....

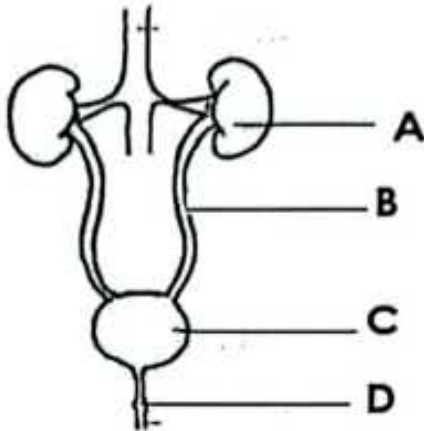
b) How is **Vitamin D** important to the skeleton?
.....

c) Mention any two common exercises that keep the body healthy.

i).....

ii).....

44. The diagram below shows body shape of a certain type of a certain cattle. Use it to answer questions that follow.



a) Give the function of A.

.....

b) Name the part marked with letter B.

.....

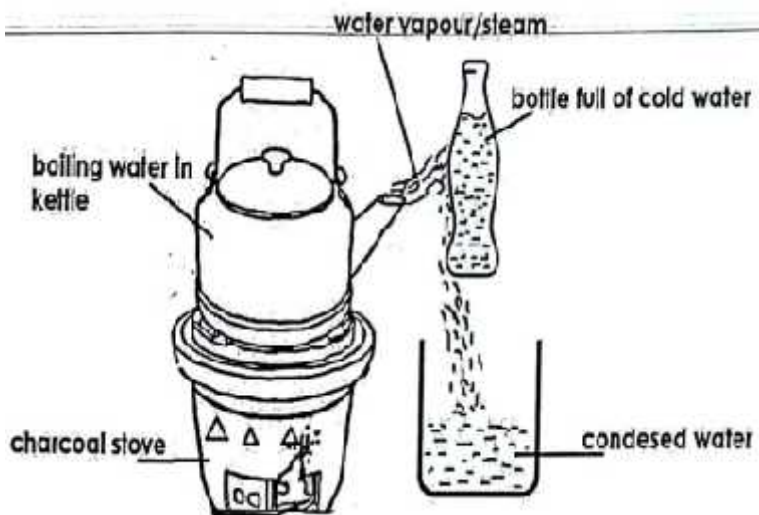
c) Mention any one other organ of the excretory system apart from the one drawn above.

.....

d) Mention any one disease that affects the above system.

.....

45. The diagram below is of an experiment. Study it and answer the questions that follow.



a) What natural process in the environment does the experiment show?

.....

b) What does the charcoal stove represent in nature?

.....

c) What is the function of the sun during rain cycle?

.....

d) Name any one physical process that takes place during water cycle.

.....

46. a) Write any two examples of conductors of electricity.

i).....

ii).....

b) Why should electric wires be properly insulated?

.....

.....

c) State any one danger of short circuits.

.....

47. a) Why is water grouped under renewable resources?

.....

.....

b) Apart from water, mention other two examples of renewable resources?

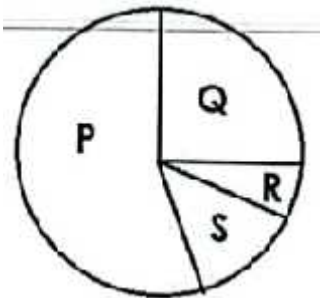
i).....

ii).....

c) Give one way of conserving trees as resources in the environment.

.....

48. The chart below shows the components of air in the atmosphere. Use it to answer the questions that follow.



a) Name the components of air represented by the following letters and their percentages.

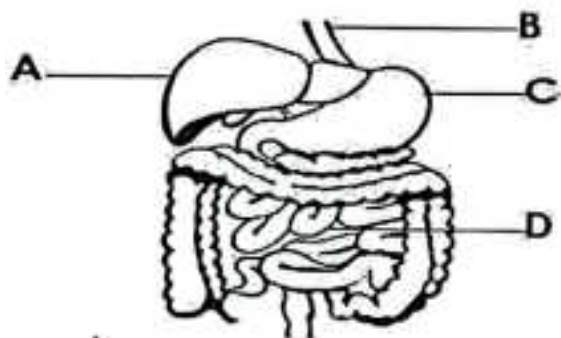
P..... Q.....

b) State the importance of;

oxygen.....

carbon dioxide.....

49. Use the diagram below to answer the questions that follow.



a) Name the part marked with letter A.

.....

b) Mention any one enzyme that is found in part C.

.....

c) By what process does food move down part B?

.....

d) Mention any one disorder that affects the above system.

.....

50. a) In which state of matter is water at 0°C ?

.....

b) Why is water called matter?

.....

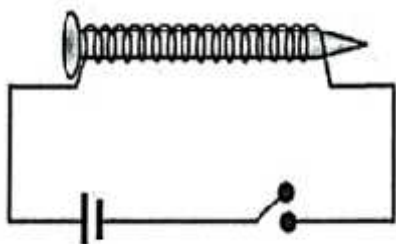
.....

c) Name the form of energy used for;

i) Ironing clothes.....

ii) Communication.....

51. The diagram below shows a magnet. Use them to answer questions that follow.



a) Name the type of temporary magnet formed using the above method.

.....

b) Why don't we use alternating current to make an electromagnet?

.....

.....

c) Mention any one other method of making magnets.

.....

d) How is a magnet useful to a pilot?

.....

52. The terms in A below are used to describe sound and part B has the meaning of the terms.

Part A

Volume

Pitch

Frequency

Echo

Part B

number of vibrations per second.

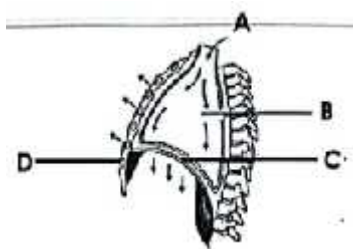
reflected sound

loudness or softness of sound

highness or lowness of sound

- a) Volume.....
- b) Pitch
- c) Frequency
- d) Echo

53. The diagram below is part of the respiratory system. Use it to answer the questions that follow.



a) How is breathing in a fish different from that of a man?

b) What happens to C when we breathe?

c) State any two diseases that affect the above system.

- i).....
- ii).....

54. a) Name any two types of germination.

- i).....
- ii).....

b) Apart from warmth, name two other conditions necessary for germination to take place.

- i).....
- ii).....

55. a) What is a wetland?

b) State a reason why people drain wetlands.

c) Identify two examples of organisms which live in wetlands.

- i).....
- ii).....

END

SECTION A

1. How is a map reader able to estimate actual distance between places on a map?

.....

2. Which is physical feature covers the largest part of Uganda?

.....

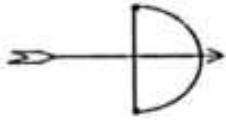
3. Give one importance of natural vegetation to man.

.....

4. Which aspect of climate favours human settlement most?

.....

5. Give one way the tool below was important to early man.



.....

6. What is meant by the term population distribution?

.....

7. Name any one island country of Africa.

.....

8. Mention source of income to a district.

.....

9. Give one way physical health can be promoted at school.

.....

10. Which arm of a democratic government punishes law breakers?

.....

11. Mention any one seaport which handles Uganda's goods.

.....

12. Draw a map symbol for railway line in the space provided.



13. State one cause of famine in Africa.

.....

14. Give one example of renewable resource.

.....

15. State one economic importance of the Niger elta to Nigeria.

.....

16. Why were most explorers afraid of crossing Kenya to Uganda?

.....

17. Why do desserts experience very cold nights?

.....

Study the picture of the national symbol of Uganda and use it to answer questions 18 and a9.



18. Name the national symbol represented by the picture above.

.....

19. Why was the bird drawn chosen as national symbol mentioned in question 18 above.

.....

20. State one reason why most game parks are located in savannah vegetation.

.....

21. Suggest a reason why subsistence farming is commonly practiced in Uganda.

.....

.....

22. State one role of NEMA in Uganda.

.....

23. Name one example of a kingdom which was formed by the Bantu in Uganda.

.....

24. Why is Zambia regarded as a landlocked country?

.....

25. How did missionaries promote education in Uganda?

.....

26. Which give one danger of deforestation.

.....

27. Write EC, in relation to Uganda's elections in full.

.....

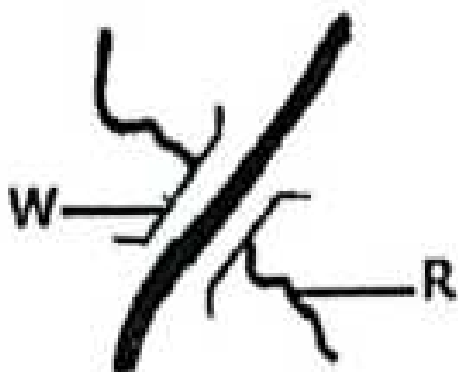
28. In which way does high population density promote economic development of a country?

29. State one problem faced by enumerators during census.

30. Mention one economic activity carried out in a rift valley.

31. Give one way of promoting the fishing industry in East Africa.

Study the diagram below and use it to answer questions 32 and 33.



32. Name the physical feature marked with letter R.

33. How is feature marked W important to road users?

34. Which type of family comprises guardians and adopted children?

35. Cite out one effect of heavy rainfall in mountainous areas.

For questions 36 to 40, answer either Christianity or Islam but not both.

36. **Either:** Why should family members pray together?

OR: Why should family members pray together?

37. **Either:** State one way Jesus suffered under Pontius Pilate.

OR: State one way Prophet Muhammad suffered during Hejira.

38. **Either:** Give one reason for worshipping God.

OR: Give one reason of worshipping Allah.

39. **Either:** State one benefit of observing God's commandments in life of a Christian.

OR: State one benefit of observing pillar of Islam in life of a Muslim.

40. **Either:** State one item on which Christians pay tithe.

OR: State one item on which Muslims pay Zakat.

SECTION B

41. a) Name the newest member state of East African Community.

b) State any one benefit of regional groupings to member states.

c) Point out one problem facing East African Community as a regional grouping.

d) How can the problem mentioned in © above be solved?

42. a) How was L. Victoria formed?

b) Give two economic benefits of Lake Victoria to people of East Africa.

i).....

ii).....

c) State one problem facing lakes and rivers in Africa.

43. a) Name the cradle land of the Bantu.

b) State any one example of Bantu tribe in Kenya.

c) Point out two factors which attracted Bantu migration into East Africa.

i).....

ii).....

44. Complete the table.

Region	Country	Capital city
.....	Uganda	Kampala
Horn of Africa	Djibouti
.....	Egypt	Cairo
Western Africa	Ghana

45. a) Give the meaning of the term national constitution.

.....

b) How did the 1967 Republican Constitution affect Kingdoms in Uganda?

.....

c) Mention any two importance of a national constitution.

i).....
 ii).....

46. a) Mention any two examples of social service centres.

i).....
 ii).....

b) Give any two ways of caring for service centres mentioned above.

i).....
 ii).....

47. a) Why is tourism regarded as an industry

.....

b) State any two importance of tourism.

i).....
 ii).....

c) Give one example of a tourist attraction in Uganda.

.....

48. a) What term is used to mean the violation of Children's Rights?

.....

b) Which L.C.I Committee member protects Children's Rights?

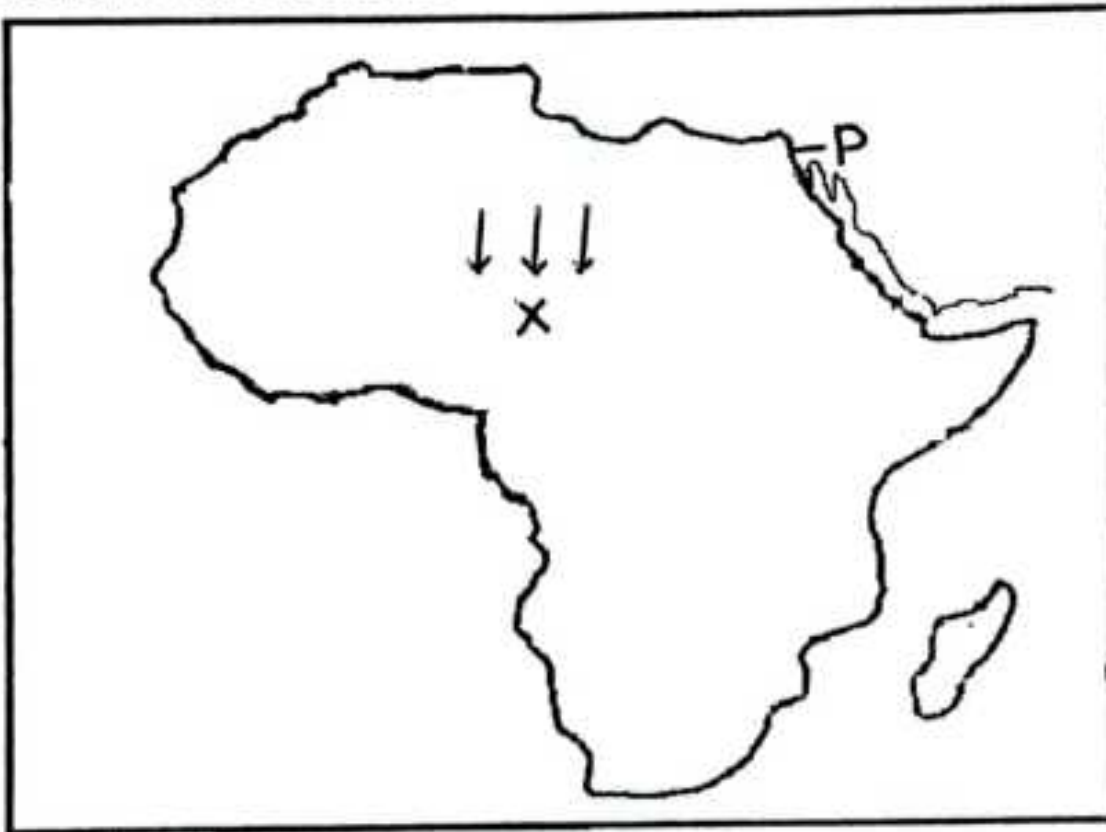
.....

c) Give any two ways adults violate Children's Rights.

i).....

ii).....

49. Study the sketch map of Africa below and use it to answer questions that follow.



a) Identify the formation water channel marked P.

.....

b) Name the prevailing winds marked X.

.....

c) Apart from prevailing winds, give any two factors that influence the climate of Africa.

i).....

ii).....

50. a) Define the term migration.

.....

.....

b) Mention any two reasons why people migrate from rural areas to urban areas.

i).....

ii).....

c) State any one danger of rural urban migration to towns.

.....

For questions 51 to 55, answer either Christianity or Islamic but not both.

51. **Either:** a) Give one example of help Christians can get from their neighbours.

.....

b) State any two ways Jesus helped others.

i).....

ii).....

c) Which lesson do Christians learn from the example of Jesus?

.....

OR: a) Give one example of help Muslims can get from their neighbours.

.....

b) State any two ways Prophet Muhammad helped others.

i).....

ii).....

c) Which lesson do Muslims learn from the example of Prophet Muhammad?

.....

52. **Either:** a) Who wrote the book of Exodus?

.....

b) Give any one type of books in the Bible.

.....

c) State any two importance of the bible to a Christian.

i).....

ii).....

OR: a) To whom did Allah reveal the Quran?

.....

b) Give any one type of books in the Quran.

.....

c) State any two importance of the Quran to a Muslim.

i).....

ii).....

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

.....

b) Give any two reasons why Christians work.

i).....

ii).....

c) Mention any one problem Christians face while at work.

.....

OR: a) What is work?

.....

b) Give any two reasons why Muslims work.

i).....

ii).....

c) Mention any one problem Muslims face while at work.

.....

54. **Either:** a) Name the helper whom Jesus promised his apostles.

.....

b) Give one symbol of the helper mentioned in b) above.

.....

c) State any two fruits Christians get from the helper mentioned in a) above.

i).....

ii).....

OR: a) Mention any two pillars of Islam.

i).....

ii).....

b) Give any two daily prayers in Islam.

i).....

ii).....

55. **For both:** a) Define the term success.

.....
.....

b) State any three factors that can lead a P.7 candidate to success.

i).....

ii).....

iii).....

END

SECTION A

1. Work out:

$$\begin{array}{r} 123 \\ \times 3 \\ \hline \\ \hline \end{array}$$

2. Write 109 in Roman numerals.

3. Solve; $2(k-4) = 12$.

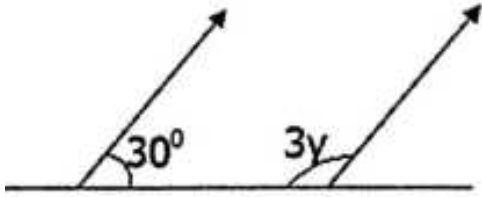
4. Convert 15_{ten} to binary system.

5. In the venn diagram below, shade the complement of set R.

6. Find the square root of $3\frac{1}{16}$.

7. Express 90 km/hr as metre per second.

8. In the figure below, find the value of y in degrees.



9. Write 0.0346 in scientific notation.

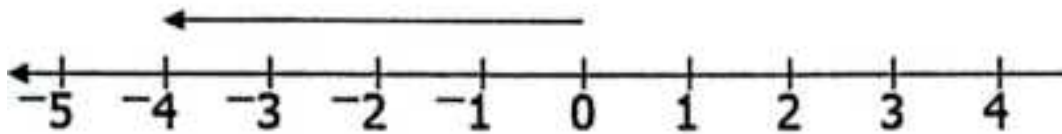
10. A lady bought 80 bags of cement of 50 kilograms each bag for her construction site. Express the total number of kilograms of cement she bought as tonnes.

11. Solve; $3^{(2p+1)} = 27$.

12. Increase sh.20,000 by 10%.

13. Given that set A has 32 subsets, find the number of element that are found in set A.

14. Find the additive inverse of the number shown on the number line below.



15. A banker deposited twenty thousand shilling notes in the bank numbered consecutively from CF01237458 to CF01237507. How much did the banker deposit?

16. Peter turned clockwise through 135° to face South. In which direction was he facing?

17. A tray contains 30 eggs. If 25 of them are good and the rest are bad, find the probability of randomly selecting a bad egg from the tray.
18. A forty five minute lesson started at 11:15am. At what time did it end?
19. With help of a ruler, a pencil and a pair of compasses only, construct an angle of 120° in the space provided below.
20. Obote is 3 times as old as Jessica now and he is $(2k)$ years old now. In 10 years' time, the difference in their age will be 12 years. How old is Jessica now?

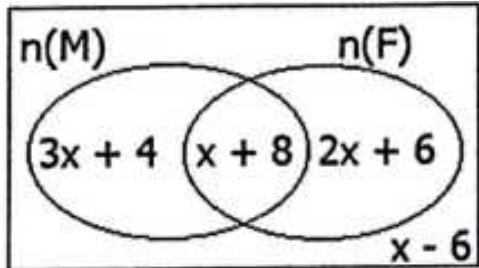
SECTION B

21. A business man borrowed sh.600,000 from the bank that offers an interest rate of 5% per annum for 3 years.

a) How much interest did he pay to the bank? (3mrks)

b) Calculate the amount of money the business man paid the bank at the end of 3 years. (2mrks)

22. The venn diagram below represents the number of guests in a birthday party who like meat(M), fish(F) and those who do not like any of the two types of food. Use it to answer the questions that follow.



a) If 16 guests like fish only, find the value of x . (3mrks)

b) How many guests like neither of the two types of food? (2mrks)

23. Alex, Allen and Anna share mangoes in the ratio of 2: 7: 3 respectively. If Anna got 150 mangoes,

a) Find their total share. (3mrks)

b) How many more mangoes did Allen get than Alex? (2mrks)

24. a) Solve for h; $2(3-h) < 12$. (2mrks)

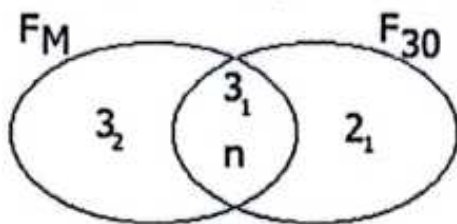
b) Adite is four times as old as Apio. Five years ago, the difference in their age was 21 years. How old is Apio now?

25. A motorist drove from town Y at an average speed of 90km/hr for 2hrs. At town Y, he rested for one hour and continued to town Z at a steady speed of 80km/hr for 3hrs.
- a) Calculate the total distance covered by the motorist from town X to town Z.
(3mrks)

- b) Work out the average speed of the motorist for the whole journey. (2mrks)

26. The venn diagram below shows the prime factors of two numbers, M and 30. Use it to answer the questions that follow.

- a) Find the value of n. (2mrks)



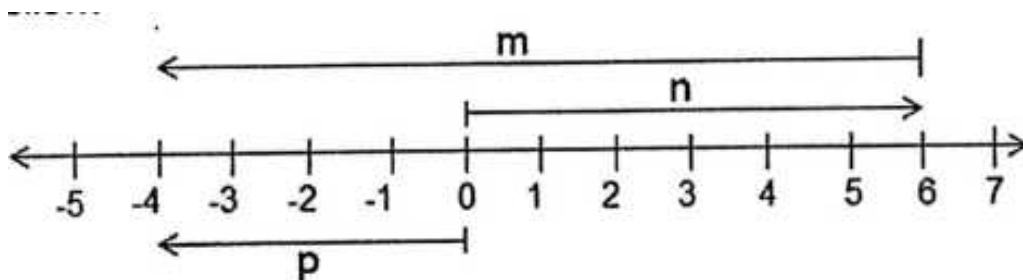
b) Work out the value of M. (2mrks)

c) Calculate the L.C.M of M and 30. (2mrks)

27. a) Change 0.25 as a simplified common fraction. (2mrks)

b) Work out; $\frac{0.18 \times 0.9}{0.06 \times 0.03}$ (3mrks)

28. Study the number line below and use it to answer the questions that follow.\



a) What integer is represented by each of the arrows on the numberline above?
(1mrk@)

i) n_____ ii) m_____ iii) p_____

b) Write the mathematical statement shown by the arrows on the number line.
(1mrk)

29. a) Using a ruler, a pencil and a pair of compasses only, construct a triangle PLB where line $PL=8\text{cm}$, angle $PLB = 60^\circ$ and angle $LPB = 45^\circ$. (4mrks)

b) Drop a perpendicular line from point B to meet line PL at N. (1mrk)

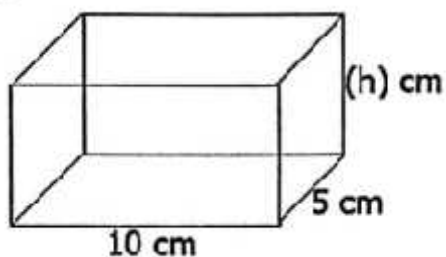
30. The table below shows the marks scored by the pupils in a mathematics test. Use it to answer the questions that follow.

Marks scored	80	70	60	90
Number of pupils	4	1	3	2

- a) How many pupils did the test? (2mrks) b) Find the range of their marks. (1mrk)

- b) Calculate the mean mark. (3mrks)

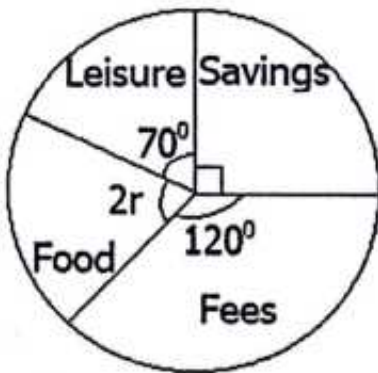
31. The volume of the figure below is 300cm^3 . Use it to answer the questions that follow.



- a) Find the value of h . (2mrks)

b) Work out the total surface area of the figure. (2mrks)

32. The pie-chart below shows how a watchman spends his monthly salary. Use it to answer the questions that follow.



a) Find the value of r . (3mrks)

b) If he spends sh.140,000 on leisure, find his salary. (2mrks)

END

SECTION A

In questions 1-5 fill in the blank spaces with the most suitable word.

1. I last boarded a bus _____ four months..
2. Our teacher is such a kind man _____ we all love him.
3. The dog _____ so loudly that everybody got scared.
4. The head teacher has promised to look _____ our problem.
5. Lazy people prefer eating _____ working.

In each of the questions 6 to 15, use the correct form of the word given in the bracket to complete the sentence.

6. Our school had a _____ sports day. (colour)
7. The mourners ate the food _____ (greed)
8. The cat had _____ all the milk by the time Peter arrived. (drink)
9. Of the two boys, Tom is the _____ (short)
10. Most _____ are tall and dark skinned. (Rwanda)
11. Michael told us an _____ story during lunch break. (interest)
12. The name was _____ printed on the envelope. (clear)
13. The funny girl is always _____ her teachers. (mimic)
14. The boy who got the _____ mark was not promoted to the next class. (low)
15. The boys have _____ their school uniform. (dirty)

In questions 16 and 17, write the plural form of the given words.

16. Monkey _____
17. Bookshelf _____

In questions 18 to 20, re-write the sentences giving one word for the underlined group of words.

18. He did not answer the question in a correct way.

19. The minister breathed his last in Italy.

20. Okot will be sent away from school due to his bad conduct.

In questions 21 and 22, re-arrange the given words in alphabetical order

21. pair, hair, care, fare

22. bun, bake, biscuit, banana

In questions 23 and 24, re-write the sentences giving the opposite of the underlined word.

23. We travelled to the eastern part of the game park.

24. The school holiday will begin next week.

In questions 25 and 26, use each of the given words in a sentence to show that you know the difference in their meaning.

25. mail: _____

26. male: _____

In questions 27 and 28, write the full form of the given contractions

27. We've _____

28. A.D _____

In questions 29 and 30, re-arrange the given words to form a correct sentence.

29. our teacher has eaten lunch?

30. Brenda hard a girl working is.

SUB SECTION II

In each of the questions 31 to 50, re-write the sentences as instructed in brackets

31. The boy came to school late. The boy missed the lesson.

(Re-write as one sentence usingbecause.....)

32. The thieves were arrested. They stole the carpenter's furniture.

(Re-write as one sentence usingwho.....)

33. The widow was very sad. The orphan was very sad.

(Re-write as one sentence beginning: Both)

34. The guest of honour made a long speech. (Begin: A long speech)

35. As soon as mother reached home, her cow delivered. (Begin: No sooner)

36. This is Sekabi's bicycle. (Re-write the sentence usingbelongs.....)

37. I am not a bird. I cannot fly. (Re-write beginning: If.....)

38. An elephant is a very big animal. (Re-write beginning: What.....)

39. A doctor is important. A teacher is also important.

(Re-write the sentence using:aswell.....as)

40. The choir sang very well. Everybody enjoyed the music.

(Re-write as one sentence usingso.....that)

41. It was not necessary for our parents to worry about us.

(Re-write the sentence using:needn't)

42. "I will not come to school tomorrow," said Josephine.

(Re-write the sentence beginning: Josephine said that)

43. Julius is very short. He cannot touch the ceiling.
(Join these sentences using:enough)

44. My wallet was stolen as I was leaving the stadium (Re-write usingrobbed.....)

45. Kabimi is a long way from Arua. (Re-write using:far.....)

46. The teacher did not come to the party. The parent did not come to the party. (Re-write the sentence using andeither.....)

47. She is a very honest seamstress. All the ladies trust her.
(Rewrite usingsuchthat.....)

48. They reached the zoolate because their bus had broken down.
(Re-write the sentence usingarrived)

49. There is little water in the tank. (Re-write the sentence usingany.....)

50. Although Martin is poor, he pays fees for his children.
(Re-write beginning: Despite)

SECTION B

Questions 51 to 55 carry 10 marks each

51. Read the passage below carefully and answer, in full sentences, the questions that follow.

In 2015, my father advised me to start an income-generating project. He told me that the income from the project would help me buy my necessities like clothes, shoes and many others. He also did not stop at giving me advice but gave me some capital of one hundred thousand shillings.

When I got the capital, I first kept it aside. I then decided not to use this money to build a shelter. I built the shelter by myself using local materials. I got the money and bought four kids. I fed them using local feeds. By the end of the year, they had grown and produced other kids. I sold the kids and earned three hundred thousand shillings. I used some of the money to buy a pair of shoes and a belt. I opened an account with Centenary Bank and started my money there. This has strengthened my saving culture.

Whenever I earn some money, I spend it so sparingly that I leave some to deposit in my account. With my savings, I am planning to expand my project. The expansion of the project will force me to get some employees to help me.

Questions;

(a) When was the writer advised to start an income-generating project?

(b) How did the writer's father support him to start the project?

(c) Who helped the writer to build a shelter?

(d) How much did the writer buy each kid?

(e) What did the writer buy after selling his kids?

(f) Why did the writer open a Bank account?

(g) Why does the writer spend earnings so sparingly?

(h) Give a word or group of words which mean the same as underlined word in the passage.

i) **necessities** _____

ii) **earned** _____

i) How will some people benefit from the writer's expansion of his project?

52. Study the advertisement below carefully and answer in full sentences the questions that follow.

MUSIC SHOW! MUSIC SHOW! MUSIC SHOW!

PRESENTERS: Drake and Juliana

VENUE: Kiwatule Recreational Centre

Date: 2nd August, 2024

TIME: 7:00p.m. – till dawn (sunrise)

Fee: Adults 10,000/=

Students: 5,000/=

Couple: 15,000/=

COME ONE COME ALL
MANAGEMENT
SILK EVENTS
22-04-2024

Questions

a) Who wrote the above information?

b) At what time will the show start?

c) How much will a husband and his wife pay?

d) Why do you think students pay less money?

e) Where will the show take place?

f) Give another word or group of words to mean;

dawn _____

couple _____

g) Who has been invited to present at the show?

i) How many musicians will present that day?

53. The sentences below are arranged in a wrong order. Write them in a correct order to make a good composition.

- Hethen picks ahoe and then goes todiginhis garden.
- When hehas worked forthree hours, hegoes back home. (c) Afterabath, he settles down toaheavy lunch.
- Mukasa w akes up at6:00O'clockevery morning.
- Thegarden hasseveral crops.
- Hehas tobecareful that he doesn't cut down any crop.
- Hebrushes his teeth and washes his face.
- There are bananas, beans, tomatoesand pineapples.
- Hiswifegives himwater forabath.
- Hethen goes foradeep afternoonsleep.

Correct order

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

54. A. Read the invitation card and answer in full sentences the questions that follow.

Mr and Mrs Okia Abalut with pleasure invite the company of
Rev/Dr./Mr./ Ms to the graduation party of their son
Dr. Opio Dennis (B. Med & Surgery MUK) to take place on 25th June 2024 at their
home in Ikilki, Pallisa at 2:00pm.

RSPV

1. Alele Samuel

2. Onopa Patrick

Tel: 0772 223122

Tel: 0788 131428

Questions

i. Who is graduating?

ii. Who is inviting people?

iii. Who should be contacted about the party?

iv. Write in full:

Tel. _____ (ii) Rev _____

52B. The table below shows Mulimi's farm at Manyangwa. His cows produced the following amount of milk last week. Study it carefully and, the questions about it answer in full sentences.

Cow's name	Morning	Afternoon
Blackbeauty	30 litres	25 litres
Sweet Agha	36 litres	15 litres
Bihogo	10 litres	8 litres
Bilbao	15 litres	18 litres
Kyozi	4 litres	6 litres

Questions

1. How many cows does Mulimi own?

2. Which cow produced the highest amount of milk?

3. Why do you think Kyozi produce the least amount of milk?

4. Which cow produced more milk in the afternoon than in the morning?

5. How many litres does Sweet Agha produce in the morning?

[illegible]

9

