



SUREKEY EXAMINATIONS BOARD

PLE MOCK EXAMINATION

2024

MATHEMATICS

Time Allowed: 2 hours 30 minutes

Random NO.	Personal No.

Candidate's Name:

Candidate's Signature:

School Name:

Read the following instruction carefully:

1. Do not write your **school or district name** anywhere on this paper.
2. This paper has **two sections: A and B**. Section **A** has **20** questions and section **B** has **12** questions. The paper has **16 printed pages** altogether.
3. Answer **all** the 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**. Any work written in pencil will **not** be marked.
5. **No calculators** are allowed in the examination room.
6. Unnecessary **changes** in your work and handwriting that cannot be read easily may lead to **loss of marks**.
7. Do not fill anything in the table indicated: "**FOR EXAMINERS' USE ONLY**" and boxes inside the question paper.

FOR EXAMINERS' USE ONLY		
QN.NO.	MARKS	EXR'S NO.
1 - 5		
6 - 10		
11 - 15		
16 - 20		
21 - 22		
23 - 24		
25 - 26		
27 - 28		
29 - 30		
31 - 32		
TOTAL		

SECTION A: 50 MARKS

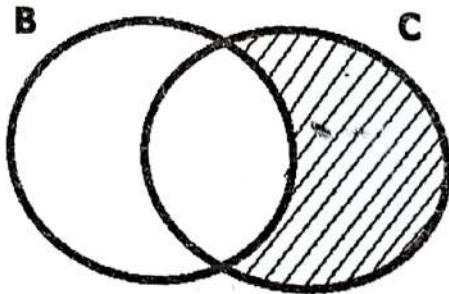
Answer all questions in this section

Questions 1 to 40 carry one mark each

1. Find the product of 2 and 134.

2. Round off 4362 to the nearest hundreds.

3. Write a mathematical statement representing the shaded region of the Venn diagram below.



4. If $a = 3$, $b = 4$ and $c = -3$. Find the value of $ab - c^3$.

5. Joan drew a circle on the ground using her foot covering a distance of 132cm. how long was her foot? (Use π as $\frac{22}{7}$)

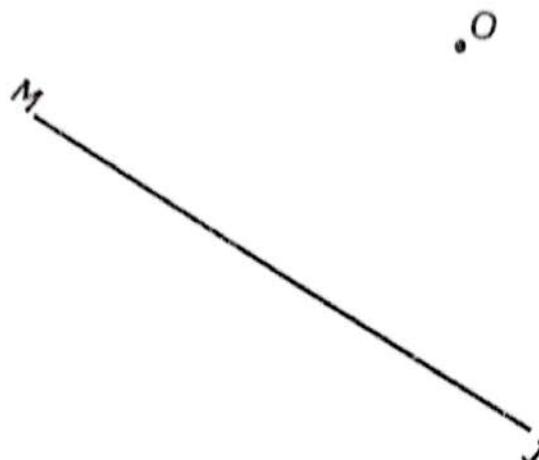
6. Find the next number in the sequence below;

-14, -11, -8, -5,

7. How many groups of hundred represent the value of 5 in the numeral?
75834

8. An athlete was covering 5 metres every second. Calculate his speed in kilometres per hour.

9. Using a ruler, a pencil and a pair of compasses only, construct a line which is parallel to line MJ through point O.



10. Write the number whose expanded form is;

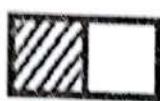
$$(6 \times 10^3) + (5 \times 10^0) + (7 \times 10^2)$$

11. Kagiri borrowed sh.25,000 from a money lender which generated an interest of sh.6,000 after 3 years. Calculate the interest rate.

12. Use the prime factors below to find the largest factor which is common in both 12 and 15.

$$12 = 2^2 \times 3$$
$$15 = 2 \times 3^2$$

13. Arrange the diagrams below in decreasing order.



14. A teacher gave out two money offers to the best performing child in a Mock paper.

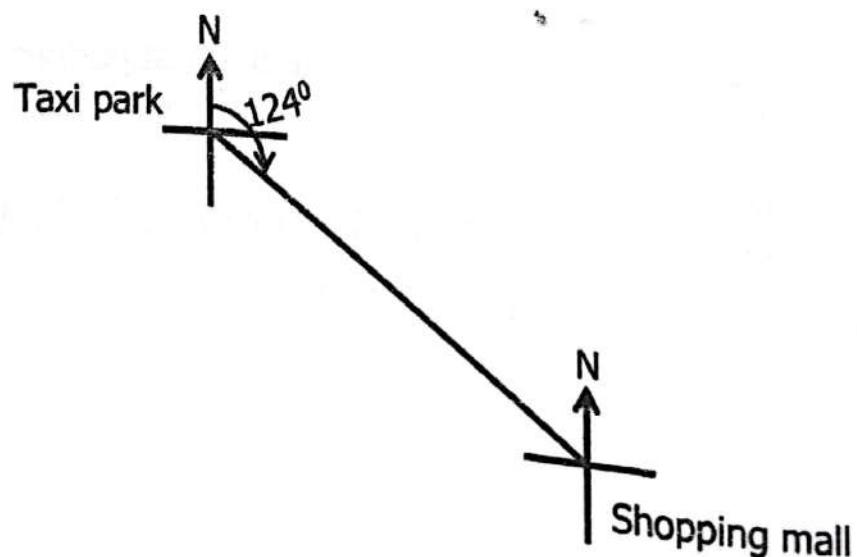
- First offer = sh.4,500
- Second offer = sh.100 doubled everyday for 24 days

Which of the two is the highest offer?

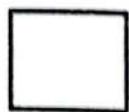
15. Change 4367 into scientific notation.

16. Express 0.4545..... as a rational number in the lowest form.

17. The bearing of the shopping mall from the taxi park is 124° . Use the diagram below to find the bearing of the taxi park from the shopping mall.



18. Solve for t: $3^t + 1 = 81$.
19. A forty-minute lesson started at 4:06p.m. write the time the lesson ended in the 24-hour clock system.
20. A tourist van carries 42 tourist in 3 trips to Murchision falls National park. How many tourist does the van carry in 5 trips?



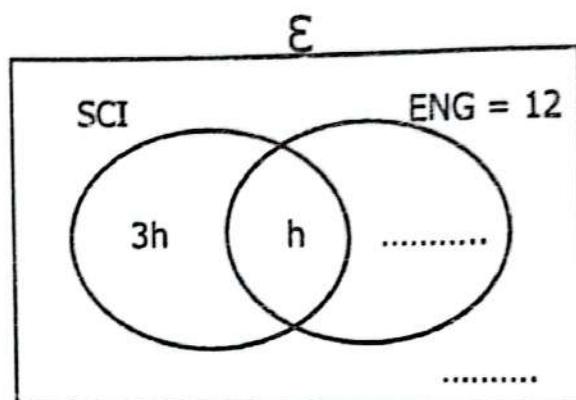
SECTION B: 60 MARKS

Answer all the questions in this section

Marks for each question are indicated in brackets

21. The Venn diagram below shows the number of pupils in a class and the subjects they like most. 3 of the pupils in the class do not like the two subjects.

- (a) Complete the Venn diagram correctly. (02 Marks)



- (b) If 10 pupils in the class do not like Science, find the value of h . (02 Marks)

- (c) How many pupils are in the class? (02 Marks)

22. The average of $2y+5$, $4+y$, $3y+1$ and 12 is 19.

(a) Find the value of y .

(03 Marks)

(b) Find their median.

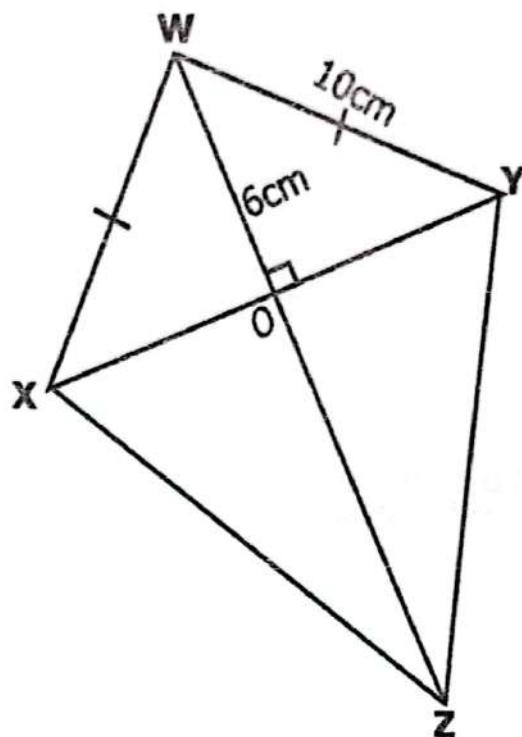
(02 Marks)

23. Hanifah and Aloyo shared 21 sweets given to them by their uncle.

If Hanifah got $\frac{3}{4}$ of what Aloyo got, calculate Hanifah's share.

(04 Marks)

24. In the diagram below, $WX = WY$, diagonal WZ is perpendicular to diagonal XY and WZ is three times WO . Study and use it to answer the questions that follow.



(a) Find the length of XY .

(03 Marks)

(b) Calculate the area of the triangle XYZ.

(02 Marks)

25. Othleno used part of his pocket money to buy the items below and remained with sh.15,500.

- One and a half dozen of crayons at sh.8,000 per dozen.
- Twenty-five sweets at sh.500 for every five sweets.
- Two small balls for sh.10,000.

If he used half of the total cost for crayons for transport, how much was his pocket money altogether? (05 Marks)

26. (a) Workout:
$$\begin{array}{r} 1 & 2 & 1 & 1\text{three} \\ + & 2 & 2 & 1\text{three} \\ \hline \end{array}$$
 (02 Marks)

(b) A teacher had counters in a Mathematics lesson. She grouped them in groups of four and 3 counters remained. When she grouped them in sevens, 5 counters remained. How many counters did the teacher have in the lesson? (03 Marks)



27. The exterior angle of a regular polygon is 72° .

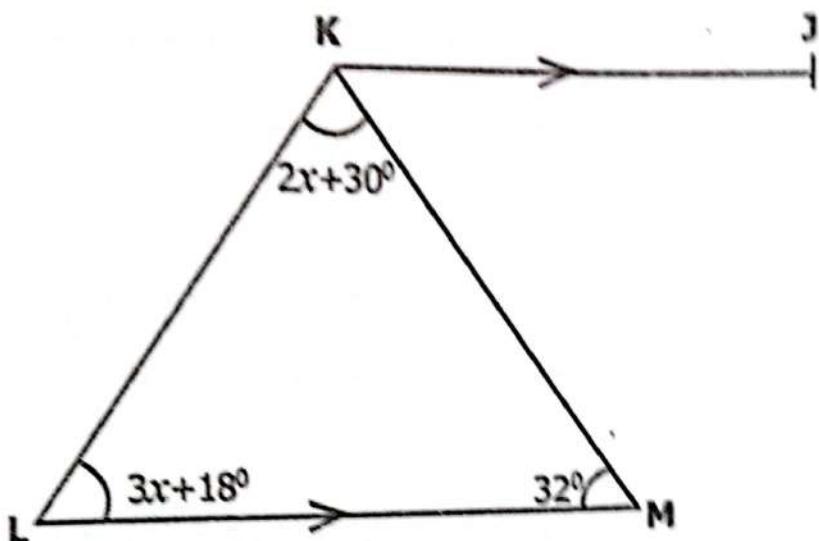
(a) Name the polygon.

(02 Marks)

(b) Using a ruler, a protractor and a pair of compasses, construct the above polygon with side length 3cm.

(04 Marks)

28. In the diagram below, Line JK is parallel to LM. KLM is a triangle. Use the diagram carefully and then answer the questions that follow.



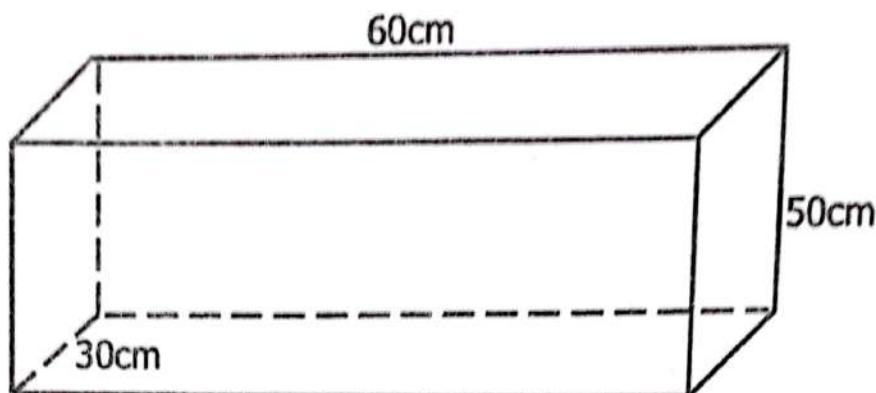
(a) Calculate the value of x .

(03 Marks)

(b) Work out the size of angle JKL.

(02 Marks)

29. The diagram below shows a drinking water trough used by Mr.Teffe to give his animals water. Study the diagram and use it to answer the questions that follow.



If Mr.Teffe filled the trough with water using a 5 litre jerrycan.
How many jerrycans did he use to fill two thirds of the trough?

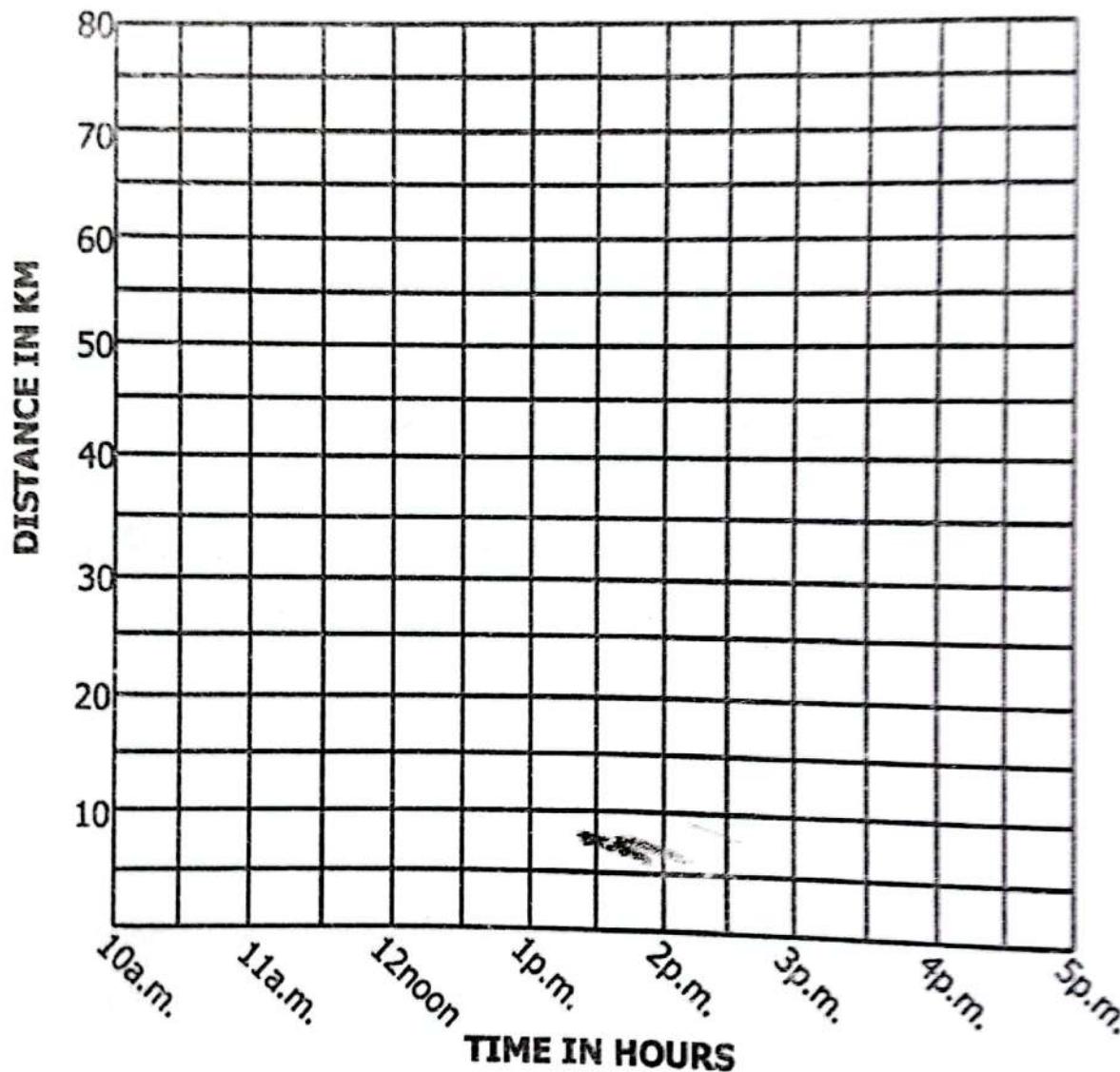
(05 Marks)

30. A boutique woman sold a belt at sh.4,200 and made a 5% profit. At how much money would the woman have sold the belt if she had realized a 20% loss? (04 Marks)

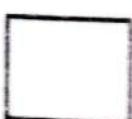
31. A class contains boys and girls in the ratio of 7:4 respectively. If there are 15 more boys than girls.
- (a) How many girls are in the class? (02 Marks)
- (b) If $\frac{3}{5}$ of the girls and 40% of the boys are day scholars. How many boarding pupils are in the class? (03 Marks)

32. A motorcyclist left Masaka at 10:30a.m. for Lyantonde moving at a speed of 20km/h for $1\frac{1}{2}$ hours. He spent 30 minutes at Lyantonde while having lunch meals. The motorcyclist resumed the journey to Mbarara at a speed of 10km/h in $4\frac{1}{2}$ hours.

- (a) Draw on the graph below, the journey of the taxi. (03 Marks)



- (b) Calculate the motorcyclist's average speed for the whole journey.
(02 Marks)





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2024

INTEGRATED SCIENCE

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11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each

1. Name the breeding ground for simillium flies.

.....

2. Give any **one** factor that increases the rate of transpiration in plants.

.....

3. Give any **one** example of a biological change that enables animals to get food.

.....

4. State the reason why a casualty who has nose bleeding is advised to breathe through the mouth.

.....

5. Give any **one** way in which you can identify a cow suffering from mastitis on a farm.

.....

6. Name the pair of muscles in the human skeleton that work together while opposing each other.

.....

7. Mention any **one** way of conserving fish in the environment.

.....

8. State any **one** way of identifying a child suffering from measles.

.....

9. Give any **one** birth control method that prevents sperms from reaching the fallopian tubes.

.....

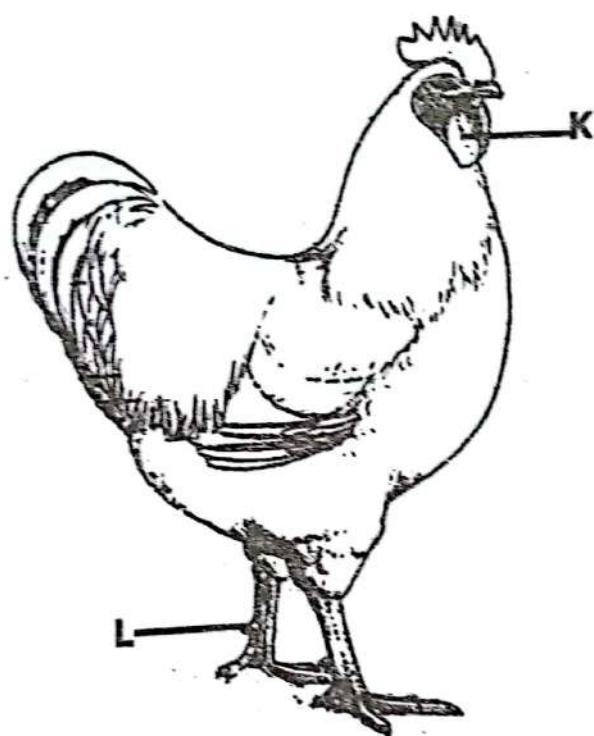
10. State any **one** step that can be used when preparing Oral Rehydration Solution (ORS) from factory made packets.

.....

11. Give any **one** way in which heat affects solids.

.....

The diagram below shows a cock. Study and use it to answer questions **12** and **13**.



12. Name the part of the cock marked **K**.

.....

13. Which structures on the caterpillar perform a similar function as part of the cock marked **L**?

.....

14. State any **one** danger of hanging clothes under direct sunshine for a long time to dry.

.....

15. Mention any **one** way in which domestic animals can contribute to the spread of diseases to people at home.

.....

16. How can water contamination be prevented when digging a pit latrine in the community?

.....

17. Give any **one** way in which coal can be used as a resource.

.....

18. State the property that makes a ferry to float on a lake yet it is made of heavy metals.

.....

19. Apart from nectar, mention any **one** other substance collected by worker bees in the environment.

.....

20. State any **one** way in which people use dried slices of pounded cassava tubers at home.

.....

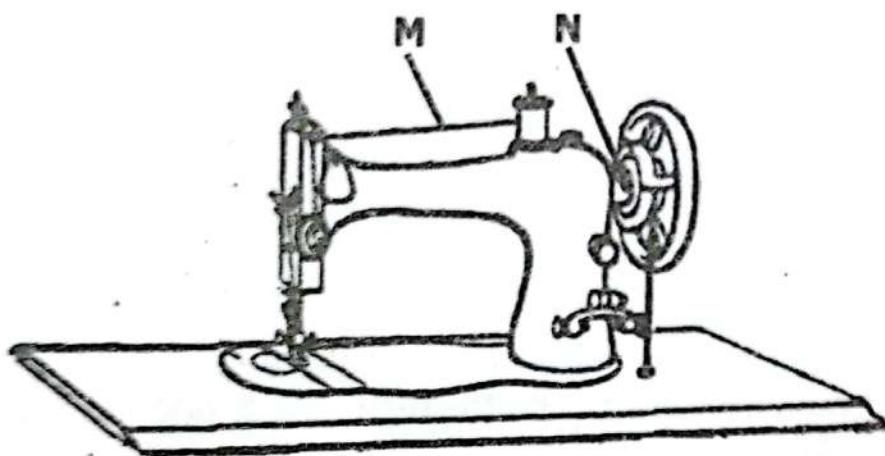


21. A part from mode of feeding, state any **one** other feature that can be used when classifying birds.

.....

22. How does a sweet potato plant obtain food when all its leaves have fallen down?
-

The diagram below shows a machine commonly found in the community. Study and use it to answer questions 23 and 24.



23. Name any **one** animal fibre that can be used to make the material marked M.
-

24. State any **one** way in which friction can be minimized in part marked N.
-

25. State any **one** sign of vitamin D deficiency in a child.
-

26. Name any **one** part of the human ear that is not involved in the process of hearing.
-

27. State any **one** role played by an individual in promoting health.
-

28. State any **one** factor that affects the working of inclined planes.

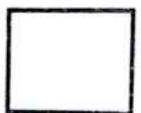
.....

29. Apart from collecting cut grass, give any **one** other way in which a rake is useful during land preparation.

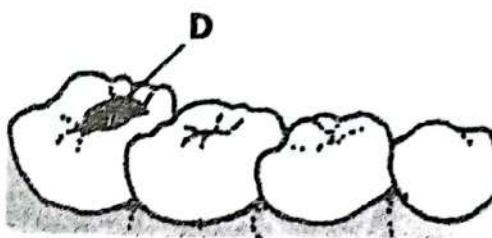
.....

30. State any **one** way in which you can tell that casualty has simple fracture.

.....



The diagram below shows ill health on the teeth. Study and use it to answer questions 31 and 32.



31. Name the substance marked **D**.

.....

32. State **one** characteristic of the above type of teeth that makes them suitable for crushing food.

.....

33. In which **one** way are the iron keepers useful in the storage of magnets?

.....

34. Write down any **one** component of sweat.

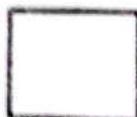
.....

35. Apart from reducing the speed of flowing water, give any **one** other way in which mulches help to control soil erosion in a tree garden.
-
.....
36. State any **one** way of controlling bacterial diseases.
-
.....

The diagram below shows a feeding bottle. Study and use it to answer questions 37 and 38.



37. Name the part marked **G**.
-
.....
38. State any **one** condition under which the mother can feed the baby using the bottle above.
-
.....
39. Give any **one** way in which sunshine supports the life of plants.
-
.....
40. Give any **one** way in which essential drugs help to meet people's health needs.
-
.....

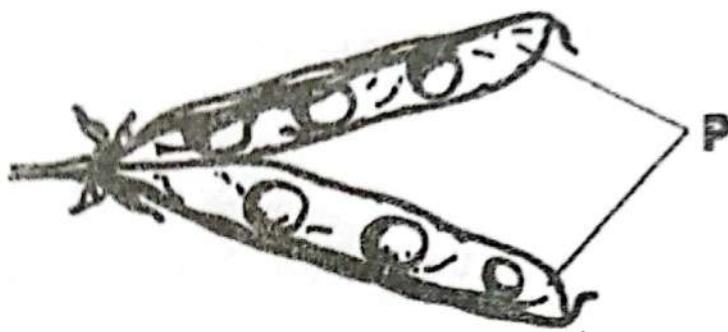


SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each

41. (a) Write any **two** sources of natural materials used in basic technology
- (i)
- (ii)
- (b) Give any **two** features used to identify materials used in basic technology.
- (i)
- (ii)
42. Chloe wanted to demonstrate an experiment about soil. She carried out the following steps.
- (i) Put the transparent glass on the table.
(ii) Poured water into the glass.
(iii) Lowered a lump of soil into the water.
- (a) State what Chloe observed after lowering the lump of soil into the water.
-
- (b) What is the importance of the following materials that Chloe used in her experiment above?
- (i) Water:
-
- (ii) Transparent glass:
-
- (c) According to the above steps, why did Chloe carryout the above experiment?
-

43. The diagram below shows the method of seed dispersal in bean seeds. Study and use it to answer the questions that follow.



(a) Identify the method of seed dispersal shown in the diagram above.

.....

(b) State any **one** factor that makes the structure marked P to split during seed dispersal.

.....

(c) Name any **two** other plants whose seeds are dispersed as the bean seeds above.

(i)

(ii)



Turn Over

44. (a) State any **two** ways in which poor sanitation affects the health of people in the community.

(i)

(ii)

(b) Give any **one** way in which rubbish can be properly disposed at school.

.....

(c) Name any **one** organism that prevents the septic tank from filling up quickly with faeces.

.....

45. (a) What is meant by the term malnutrition?

.....

.....

(b) State any **two** factors that can lead to malnutrition in children.

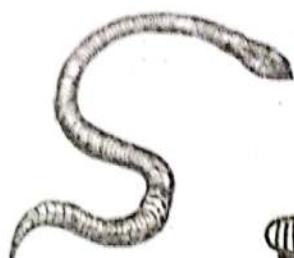
(i)

(ii)

(c) Mention any **one** method of preserving food that does not require heat.

.....

46. The diagrams below show animals that are non-vertebrates. Study and use them to answer the questions that follow.



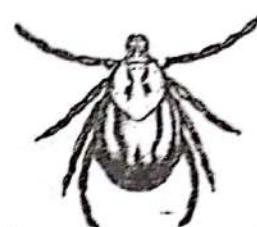
W



X

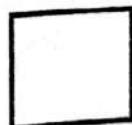


Y



Z

- (a) To which group of arthropods do animals marked X and Z belong?
- (i) X :
- (ii) Z :
- (b) Give any one reason why animal marked W is different from animal marked Y.
-
.....
- (c) Identify any one animal from the diagrams above that helps to improve soil aeration.
-
.....



Turn Over

47. (a) Mention any **two** ways in which a crop farmer can identify crops affected by diseases.

(i)

(ii)

(b) Which crop pest transmits mosaic virus to cassava plants?

.....

(c) State any **one** non-cost measure that a crop farmer can use to control crop pests in the garden.

.....

48. (a) Name any **two** parts on a house that aid in air circulation.

(i)

(ii)

(b) Which method of heat transfer aids in air circulation in a house?

.....

(c) State the importance of a chimney on a factory.

.....

49. (a) Identify any **one** non-diarrhoeal disease that affects the digestive system.

.....

(b) State any **two** health habits that affect the proper functioning of the digestive system.

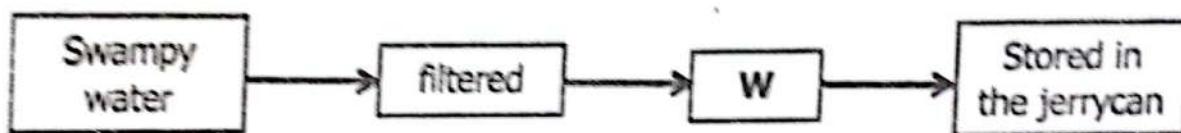
(i)

(ii)

- (c) State any **one** role of the tongue during digestion of food.

.....
.....
.....
.....
.....

50. The diagram below shows a simple demonstration of a water purification system. Study and use it to answer the questions that follow.



- (a) Name any **one** activity that can be done to water at point W.

.....
.....
.....
.....

- (c) State the importance of passing water through point W.

.....

- (d) Mention any **one** other activity that can be done to swampy water before being taken to point W.

.....

51. (a) What term is used to mean the amount of material in a given volume of a substance?

.....

(b) The amount of material in a given volume of a substance is 4g/cc occupying the amount of space of 10cc. calculate the quantity of matter in that substance. (03 Marks)

52. (a) Write any **two** things that intestinal worms obtain from the human body.

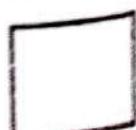
(i)

(ii)

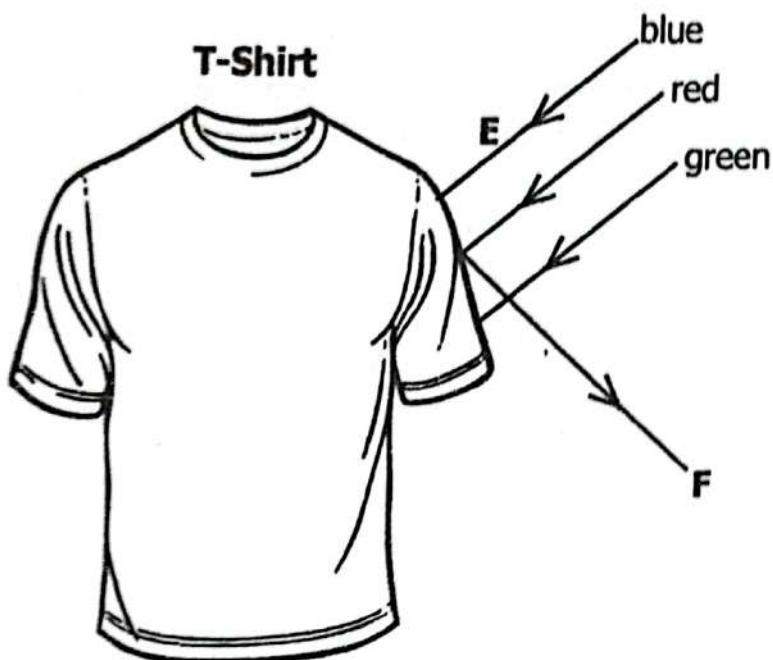
(b) State any **two** ways in which intestinal worms affect the health of a child.

(i)

(ii)



53. The diagram below shows light rays of different colours striking a T-Shirt. Study and use it to answer the questions that follow.



(a) Name the light rays marked **E** and **F**.

(i) **E** :

(ii) **F** :

(b) By observing the diagram above critically, what is the colour of the T-Shirt?
.....
.....

(c) Give a reason to defend your response in (b) above.
.....
.....

Turn Over

54. (a) Write any **two** diseases that an individual can contract due to lack of clean water for promoting personal hygiene.

(i)

(ii)

(b) Give any **two** ways in which an individual can protect him/herself from diseases caused by lack of clean water.

(i)

(ii)

55. A boy wanted to know if air moves things. He made a kite using the following materials.

A sheet of paper, two sticks, short strings and a long string.

Write four steps that the boy used to make a kite to show that air moves things.

(i)

.....

(ii)



.....

(iii)

.....

(iv)

.....





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ENGLISH

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54		
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TOTAL		

SECTION A: 50 MARKS

Questions 1 to 50 carry one mark each

Subsection I

In questions 1 to 5, fill in the blank space with a **suitable word**.

1. James is so that he cannot reach the top shelf.
2. That is the doctor who my mother when she fell sick.
3. Jimmy will load on his phone and call his friends.
4. Is Angela looking the new word in her dictionary?
5. You must write well, or you will lose marks.

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

6. Teachers and are very important people. (farm)
7. Independence Day will be celebrated on the of October. (nine)
8. Which is, cookies or biscuits? (tasty)
9. NEMA has evicted people who wetlands. (build)
10. The opposers are to win today's debate. (like)



11. Mr Mugagga spends a lot of money on the Of his car. (maintain)
12. This dress of cannot fit my young sister. (you)
13. We must be careful while washing plates. (break)

14. Atwine was carelessly when he fell off his bicycle. (ride)

15. People who are educated behave than those who are not. (good)

For questions **16** and **17**, rearrange the given words in **alphabetical order**.

16. reporter journalist cartoonist editor

.....

17. diesel dairy diet diary

.....

In each of the questions **18** to **20**, rewrite the sentence giving **one word** for the underlined group of words.

18. Some men wash their shirts, trousers and jackets by themselves.

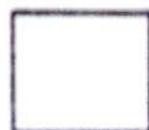
.....

19. Mother was pressing and stretching dough when the visitors came.

.....

20. Many roads in hilly places are not wide.

.....



For questions **21** and **22**, use each of the given words in a sentence to show that you know the **difference in their meaning**.

21. knit

.....

22. neat

.....

In each of the questions **23** and **24**, rewrite the sentence giving the **plural form** of the underlined words.

23. Muyama has forgotten where she kept the knife.

.....

24. The loaf of bread which Daddy bought did not taste good.

.....

For questions **25** and **26**, write the given short forms **in full**.

25. Dr

26. p.m.

In each of the questions **27** and **28**, rearrange the given words to form a **correct sentence**.

27. smartphone much a does cost How?

.....

28. pupil punished The coming teacher late for the.

.....

For questions **29** and **30**, rewrite the sentence giving the **opposite** of the underlined word.

29. John's sister wants to be a nurse in the future.

.....

30. The football match between P.6 and P.7 has been postponed.

.....



Sub-Section II

For each of the questions 31 to 50, rewrite the sentence as instructed in brackets.

31. The girl was seriously warned. The girl disobeyed the head prefect.
(Join the **two** sentences using:who.....)

.....
.....

32. I am eager to attend my friend's birthday party.
(Rewrite the sentence using:looking forward.....)

.....
.....

33. Our LC1 chairman has a very big house.
(Rewrite the sentence using: What.....!)

.....

34. Kajura did not attend remedial classes. He did not have money.
(Rewrite the **two** sentences as one beginning: If Kajura had....)

.....
.....

35. The bursar asked Wafula if he had cleared his school fees.
(Rewrite the sentence as: '.....?' the bursar asked.)

.....
.....

36. James and his brother are not on the school football team.
(Rewrite the sentence using: Neither.....nor.....)

.....
.....

37. Someone cleans this road every morning. (Rewrite the sentence beginning: This road.....)

.....

38. Mandela was a great leader. He inspired many politicians.
(Join the **two** sentences using:such....that....)

.....

.....

39. We had our lunch a few minutes ago.
(Rewrite the sentence using:just.....)

.....

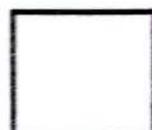
.....

40. No sooner had I turned on the TV than electricity went off.
(Rewrite the sentence using:immediately.....)

.....

.....

41. The bank manager has arrived, hasn't she?
(Rewrite the sentence and end: , has she?)



.....

.....

42. The sugar daddy was charged with defilement.
(Rewrite the sentence using:accused.....)

.....

.....

43. Kaneza is a Rwandan, but she cannot speak Kinyarwanda.
(Rewrite the sentence beginning: Although.....)

.....

.....

44. There was hardly any water in the tank. (Rewrite the sentence using:little....)

.....

45. Mulokole is not interested in political talk shows.
(Rewrite the sentence and use:like.....)

.....

46. We watched a Nigerian movie yesterday. It was interesting.
(Rewrite as **one** sentence without using 'which' or 'that'.)

.....

.....

47. Having completed her homework, Nairuba went to bed.
(Rewrite the sentence using:before.....)

.....

.....

48. The mechanic opened the bonnet. He wanted to repair the engine.
(Join the **two** sentences using:in order.....)

.....

.....

49. We have many schools in our district. (Rewrite the sentence
beginning: There.....)

.....

.....

50. Alinda will get problems if she doesn't leave bad groups.
(Rewrite the sentence using:avoids....)

.....

.....

.....



Turn Over

SECTION B: 50 MARKS

Questions **51** to **55** carry ten marks each.

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

In our community, we have many important services. They include banking, education and health services. There are professional people who are trained to provide these services. Let's explore these places that provide services and meet people who work there.

First, we have schools. Schools are places where children like you learn to read, write and solve math problems. Teachers, librarians and head teachers work together to make learning fun. However, some schools do not have computers and textbooks to help students learn better. The Government should provide every school with these materials.

Next, we talk about banks. Banks are places where community members save their money. People who work in banks, such as tellers and managers are very good at counting. They help their clients save money for future use. People save money for personal development, paying school fees or to use it during their old age.

Lastly, let's look at our health services, where doctors and nurses take care of us when we are sick. These people are superheroes in white coats. Unfortunately, some of our doctors are leaving the country to work elsewhere. Therefore, there is need to train more young people as doctors because we cannot do without them.

All these service centres, schools, banks and health units make our community strong and healthy. The people who work there are very important. Even though there are some challenges, we can work together to find solutions.

- (a) What is the passage about?

(b) How many services are talked about in the passage?

.....

(c) Which services do schools provide?

.....

(d) What should government provide every school with?

.....

.....

(e) Where do community members keep their money?

.....

(f) State **one** reason why people save money.

.....

(g) Which healthcare workers are mentioned in the passage?

.....

(h) Why do you think doctors are leaving the country to work elsewhere?

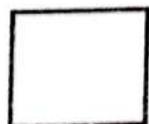
.....

.....

(i) Give **another word or group of words** with the same meaning as those underlined in the passage.

(i) provide

(ii) teller



52. Read the poem below carefully and, **in full sentences**, answer questions about it.

This class, oh! It's really tiring!
Classwork, homework and tests
I can't wait for the last day
That last Saturday of October
To close my books and party.

The school has organised a bash,
A farewell party to remember
We'll gather around as leavers
Classmates and friends, to celebrate
To kill the stress and refresh.

I, Rutaganya, will dress to kill
I will eat and drink to my fill
I will dance every stroke I know
Shaking like leaves in the wind
It will be the best day of my life.

When the music fades at night,
I will go round, greeting my friends
I will wish all of them success
Then, we'll find our way back home
Till we meet for briefing on Monday.

- (a) In which class is the writer?

.....

- (b) Name **one** activity in the poem that makes the writer tired.

.....

- (c) When will the leavers' party be held?

.....

(d) Why has the writer's school organised a leavers' party?

.....
.....

(e) Who is the writer of the poem?

.....

(f) How will the writer dance, according to stanza two?

.....

(g) How many stanzas does the poem have?

.....

(h) Give another word or **group of words** with the same meaning as the underlined words in the poem.

(i) bash

(ii) shaking

(j) Suggest a suitable title to the poem.

.....



53. The advertisement below appeared in the Daily Star newspaper on Monday 8th July 2024. Read it carefully and, **in full sentences**, answer questions about it.

Hilltop Restaurant PO Box 10 Kitgum

Located on Okello Road, Kitgum Town

JOB OPPORTUNITY

Job: cashier

Age: 18 years and above

Education: O level certificate

Deadline: 31st August 2024

Apply to: The manager, Hilltop Restaurant

- (a) What is the advertisement about?

.....
.....

- (b) Which job is being advertised? 

.....
.....

- (c) How old should the applicant be?

.....
.....

(d) In which newspaper did the advertisement appear?

.....
.....

(e) Where can one find Hilltop Restaurant?

.....
.....

(f) To whom should applications be addressed?

.....

(g) What is the last day for receiving applications?

.....
.....

(h) What education qualification should the applicant have?

.....
.....

(i) Why do you think a 17-year-old will not be given the job?

.....
.....

(j) How can applicants from faraway places send their applications?

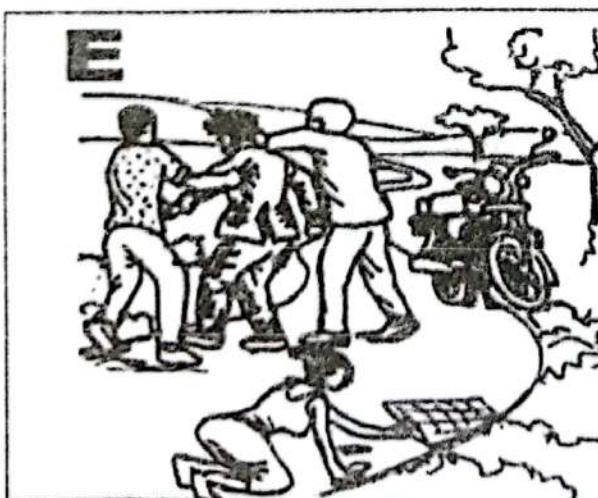
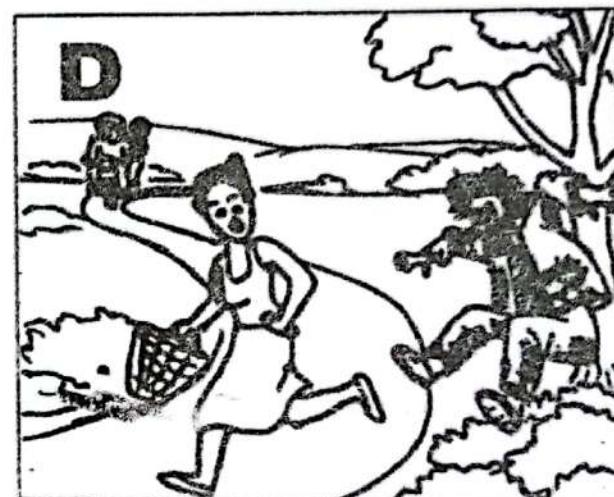
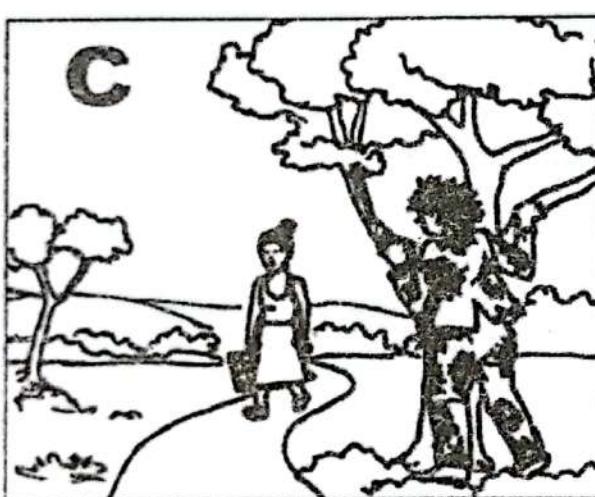
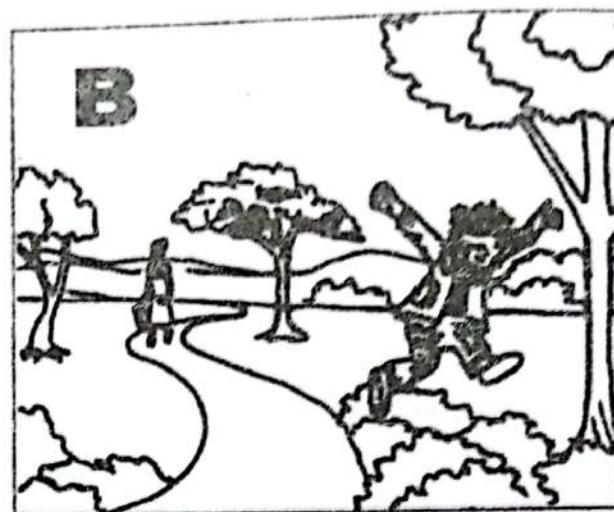
.....
.....



Turn Over

54. The pictures A – F tell a story. Study them and write **one** sentence to describe what is happening in each picture. You may use any of the following words to help you.

police hide maid shopping basket rapist arrest send
chase market mother motorcyclist passenger



- (a) Picture A:
- (b) Picture B:
- (c) Picture C:
- (d) Picture D:
- (e) Picture E:
- (f) Picture F:
- (g) Where is the mother sending the maid in picture A?
- (h) Who is the man hiding behind a tree in picture C?
- (i) Why is the maid kneeling down in picture E?
- (j) Where did the motorcyclist and his passenger take the rapist after arresting him?



Turn Over

55. The sentences below are **not** in the correct order. Rewrite them in the **correct order** to form a composition about **Sarah's Diary**.

- (a) As days went by, she found it exciting to write in her diary.
- (b) So, she decided that she would make her own diary.
- (c) Next, she wrote the date at the top of the first page.
- (d) Now writing in the diary is part of Sarah's daily routines.
- (e) Unfortunately, she couldn't afford a diary like her teacher's.
- (f) First, she decorated the book cover with coloured pencils.
- (g) When she reached home, she got a new exercise book.
- (h) She made it look exactly like her teacher's diary.
- (i) When Sarah was in P.4, she learnt about keeping a diary.
- (j) Then, she wrote down amazing things that had happened.



**SURYA EXAMINATIONS BOARD
PLE-MOCK EXAMINATION
2024**

SOCIAL STUDIES WITH RELIGIOUS EDUCATION

Time Allowed: 2 hours 15 minutes

Random NO.	Personal No.

Candidate's Name:

Candidate's Signature:

School Name:

Read the following Instruction carefully:

1. Do not write your school or district name anywhere on this paper.
2. This paper has **two** sections: **A** and **B**. Section **A** has **40** questions and section **B** has **15** questions. The paper has **16** printed pages altogether.
3. Answer **all** the 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. Any work written in pencil will **not** be marked.
5. Unnecessary **changes** in your work and handwriting that cannot be read easily may lead to **loss of marks**.
6. Do not fill anything in the table Indicated: "**FOR EXAMINERS' USE ONLY**" and boxes inside the question paper.

FOR EXAMINERS' USE ONLY		
QN.NO.	MARKS	EXR'S NO.
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each

1. Give any **one** way people in rural areas get to know information about government programmes.

.....

2. State any **one** way Lake Victoria influences the living conditions of people around it.

.....

3. Why are groundnuts regarded as non-traditional cash crops?

.....

4. State any **one** way the rights of children are being abused in Uganda today.

.....

5. Write any **one** economic challenge facing African countries with no direct access to the sea.

.....

6. State any **one** advantage a boda boda has over a taxi as means of road transport.

.....

7. Mention any **one** African country located in the same geographical region as Botswana.

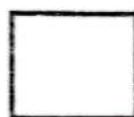
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8. State any **one** responsibility of children in promoting peace and security at school.

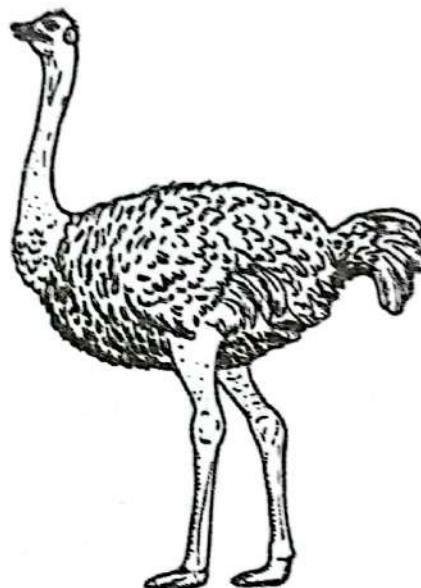
.....

9. How does the Uganda National Bureau of Standards (UNBS) help to improve on the quality of goods sold in Uganda?

10. Mention **one** element of weather that makes people to carry umbrellas.
-



The diagram below is of one of the tourist attractions found in game parks in Uganda. Use it to answer questions **11** and **12**.



11. Identify the tourist attraction above.
-

12. Name the National game park in Uganda which is famous for the above tourist attraction.
-

13. In which **one** way is the Uganda Wildlife Education Centre important to the people of Uganda?
-

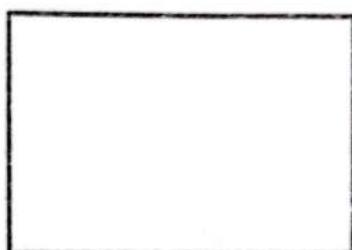
14. Give **one** reason why Dr.Kwame Nkrumah organized a Pan-African meeting in Ghana in 1958.
-

15. How is a map different from a picture as representations of objects?
-

16. How do people in hilly areas prevent their crops from being washed away by fast flowing water on slopes?
.....
17. Give one reason why most rivers have their sources from mountains.
.....
18. State any one way in which a low population is a cause of underdevelopment in some African countries.
.....
19. Write any one role of tribal leaders in our communities.
.....
20. State any one reason why there are few animal species in the desert regions of Africa.
.....
21. Give any one reason why the spread of Islam in East Africa was slow compared to Christianity.
.....
22. State any one characteristic of Uganda as a nation.
.....
23. Give any one reason why Britain formed the Commonwealth of Nations
.....
24. In which one way did the Bachwezi contribute to the development of kingdoms and chiefdoms in Uganda?
.....
25. How do improved medical services influence population growth?
.....

26. State any **one** measure the government of Uganda can undertake to reduce overdependence on foreign aid.
-

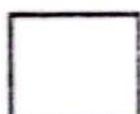
27. Draw a map symbol to represent a stone quarry in the space below.



28. Give any **one** reason why fishing activities in Uganda are still underdeveloped.
-

29. In which **one** way does electricity help to improve the standards of living of people in the country?
-

30. What is the meaning of the term 'Excise duty' as a form of tax in Uganda?
-



31. Give any **one** way Uganda benefits in having many industries in different parts of the country.
-

32. Write any **one** contribution made by the collaborators in extending colonial rule to different parts of Uganda.
-

33. Give any **one** reason why the Local Council I committee registers residents of their locality.
-

34. State any **one** way in which the white settlers contributed to the development of Kenya.

.....
.....
.....
.....

35. Name the sub-region that British transferred to Uganda in order to have complete control over the Nile.

.....
.....
.....
.....

For each of the questions 36 to 40, answer Either the Christian **OR** Islamic questions but **not** both. No marks will be awarded to a candidate who attempts both alternatives in a particular number.

36. **EITHER:**

Which of the Three persons of the Holy Trinity is the life giver?

.....
.....
OR:

Write the first pillar of Islamic faith.

37. **EITHER:**

Give **one** role of the Church in promoting goodness in the community.

.....
.....
OR:

Give **one** role of Muslim believers in promoting goodness in the society.

38. **EITHER:**

Write any **one** way in which the light of Jesus Christ can be seen in a Christian.

.....
.....
OR:

Write any **one** way in which some teachings of Prophet Muhammad can be practical in the life of a Muslim.

39. EITHER:

Give any **one** way a Christian can avoid contracting Sexually Transmitted Diseases (STDs) like HIV.

.....

OR

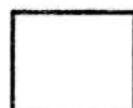
Give **one** way in which a Muslim can avoid contracting Sexually Transmitted Diseases (STDs) like HIV.

.....

40. FOR BOTH:

Name the body that unites all religious faiths in Uganda.

.....



SECTION B: 60 MARKS

Questions **41** to **55** carry four marks each

41. Akisha is a foreign child who has been brought up by Mrs.Namaganda, a Ugandan citizen.

(a) How does Akisha acquire citizenship according to the national laws of Uganda?

.....

(b) Write any **two** responsibilities Akisha will have to observe when she grows into an adult citizen of Uganda.

(i)

(ii)

(c) Mention any **one** right Akisha is entitled to as a child according to the national laws of Uganda?

.....

Q3. (a) Name the **current economic market** where both Uganda and South Africa are members.

(b) Give any **two reasons** why Uganda should have good relations with her neighbours.

(i) Uganda's geographical position makes it difficult for her to defend herself.

(ii) Uganda's neighbours are more developed than she is.

(c) In which **one way** does Uganda membership in more than one common market benefit her citizens?

Q4. (a) Give any **two reasons** why most households in Uganda are still living in poverty.

(i) Uganda has a large population.

(ii) Uganda has a small economy.

(b) State any **two methods** the government is using to eradicate poverty among Ugandans.

(i) Uganda has a large population.

(ii) Uganda has a small economy.

At. (a) In which **two ways** did the formation of the Legislative Council (LFCGO) help to ease British administration in Uganda?

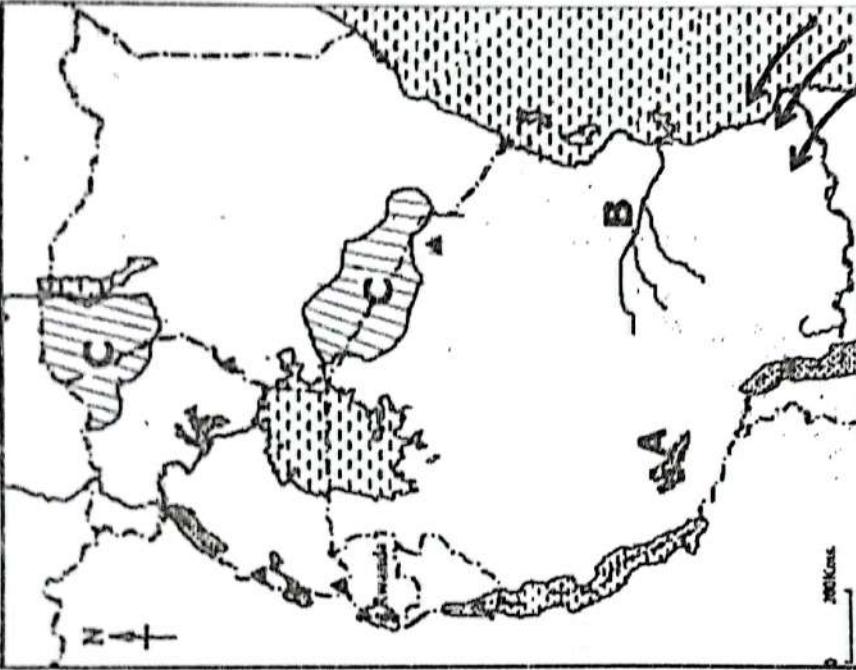
(i) Uganda has a large population.

(ii) Uganda has a small economy.

(b) Why were the native Ugandans unhappy with the formation of LFCGO by 1921?

- (c) Name the first Ugandan native representative to be appointed on the LEGCO from northern Uganda.

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



- (a) Name the Lake marked **A** on the above map.
- (b) Which sub-ethnic group settled in the shaded areas **C** on the map?
- (c) State any **one** cause of the rebellion that took place around river **B**.
- (d) How do the prevailing winds indicated by the arrows influence the climate of the areas to which they blow?

46. (a) Write any **two** ways in which the rights of people were violated in South Africa before her independence.
- (i)
- (ii)
- (b) What **one** role did Nelson Mandela play in restoring respect for human rights in South Africa?
- (c) Mention any **one** African country that provided military support and training to freedom fighters in South Africa.
- (i)
- (ii)
-
47. Match the former kings of Buganda in **List A** with what they are remembered for in **List B** correctly.
- LIST A**
- (i) Kabaka Daudi Chwee
(ii) Kabaka Sunna I
(iii) Kabaka Mwanga II
(iv) Kabaka Edward Muteesa II
- LIST B**
- He was exiled to Britain in 1953.
He was exiled to Seychelles Island where he died.
He ruled with the help of regents.
He welcomed the first Arabs to Buganda.
- (i) Kabaka Daudi Chwee:
(ii) Kabaka Sunna I:
(iii) Kabaka Mwanga II:
(iv) Kabaka Edward Muteesa II:

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

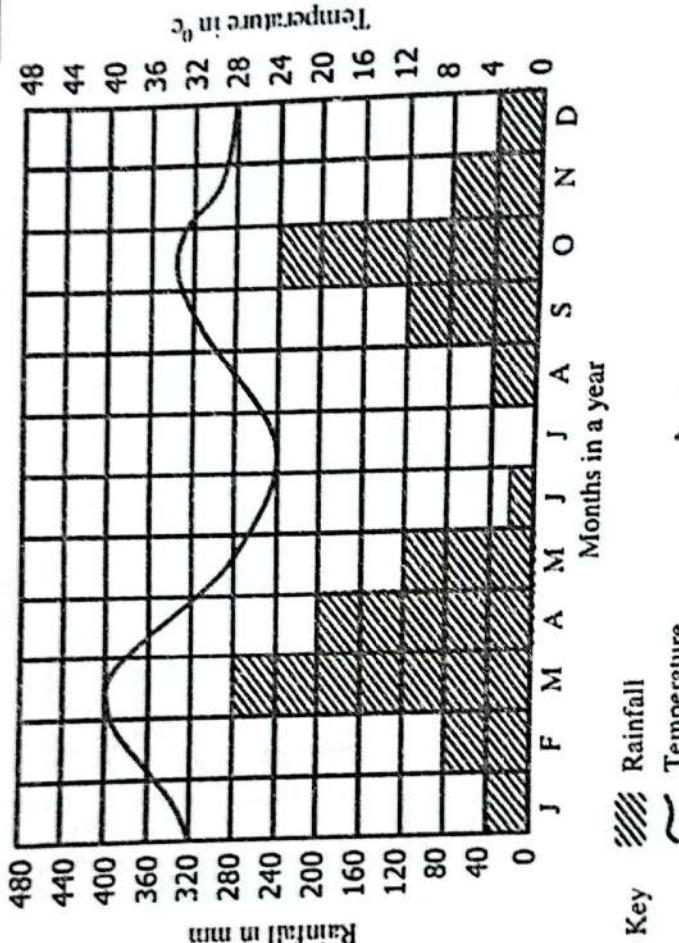


(a) Name the sea ports marked T and W.

- (i) T :
(ii) W :
- (b) State any one contribution of the Katanga region to the economic development of DRC.
.....
.....
- (c) State any one factor that influences vegetation distribution in the shaded areas S on the map above.
.....
.....
49. (a) Write any two factors that hinder the productivity of labour in an industry.
(i)
(ii)

- (b) Name the specialized United Nations Agency responsible for protecting the rights of workers world-wide.
- (c) Apart from workers, mention any one other key factor in running an industry.

50. The graph below shows a climatic zone of an area in Africa. Study it carefully and then answer the questions that follow.



- (a) Identify the type of climate shown on the graph above.
- (b) Write any one crop that grows well in the area indicated on the above graph.
- (c) According to the graph, state the relationship between temperature and rainfall.
- (d) Calculate the temperature range of the graph.

For each of the questions **51** to **55**, answer **EITHER** Christian **OR** Islamic questions but **not** both. **No mark** will be awarded to a candidate who attempts both alternatives in a particular number.

51. EITHER:

- (a) Name any **one** Prophet in the Old Testament who prophesized about the birth of the Messiah.

.....
.....
.....
.....
.....

(b) How were the wise men from the East able to locate the place where the Messiah was born?

.....
.....
.....
.....
.....

(c) Or Which day do most Christians celebrate the birth of the Messiah?

.....
.....
.....
.....
.....

(d) Give any **one** reason why the Messiah is regarded as the Prince of peace according to Christianity.

OR:

- (a) Name any **one** Prophet who prophesized about the coming of the last messenger on earth from Allah.

.....
.....
.....
.....
.....

(b) In which place was the last messenger on earth born?

.....
.....
.....
.....
.....

(c) On which day do some Muslims celebrate the birth of last messenger?

.....
.....
.....
.....
.....

(d) Give any **one** reason why the last messenger is regarded as the Light (Noor) of humanity on earth.

52. EITHER:

- (a) State any **two ways** in which people disobey God today.
- (i)
- (ii)
- (b) Write any **one way** Adam and Eve's disobedience caused misery to mankind.
- (c) How did Adam and Eve attempt to hide their nakedness after eating the forbidden fruit?

OR:

- (a) State any **two ways** in which people disobey Allah today.
- (i)
- (ii)
- (b) Write any **one way** Adam and Hawa's disobedience caused misery to mankind.
- (c) How did Adam and Hawa attempt to hide their nakedness after eating the forbidden fruit?

53. EITHER:

- (a) Which form of authority is possessed by only God?
- (b) In which **two ways** do leaders misuse the authority trusted to them?
- (i)
- (ii)

(c) Write any one way in which Jesus Christ showed authority over nature.

OR:

- (a) Which form of authority is possessed by only Allah?
- (b) In which **two** ways do leaders misuse the authority trusted to them?
- (i)
- (ii)
- (c) Write any **one** way in which Prophet Muhammad (P.B.U.H) showed authority over nature.

54. EITHER:

"Have you considered my servant Job, that there is none like him on earth, a blameless and upright man, who fears God and turns away from evil." (Job: 1:8)

(a) Who was the Lord talking to in the above quotation?

- (b) Mention any **two** important lessons you can take from the above quotation.
- (i)
- (ii)
- (c) Write **one** thing that can help you live a blameless life before God.

OR:

"Allah said to him, Behold Ayub is a devoted servant of Ours, and he is one of the righteous. He said, 'My Lord! Because you have favoured him over me, I will surely tempt him and his family to disobey You.' Allah said, Fear not, for Ayub is a faithful servant of Mine and he will not disobey Me. He is one of the righteous."

(Qur'an: 15:84-85)

(a) Who was Allah talking to in the above quotation?

-
- (b) Mention any **two** important lessons you can take from the above quotation.
- (i)
- (ii)
- (c) Write **one** thing that can help you live a blameless life before Allah.
-

55. FOR BOTH CANDIDATES TO ATTEMPT:

- (a) Give any **one** reason why both Islam and Christianity discourage believers from worshiping idols.
-
- (b) Apart from worshiping idols mention any **two** other ATR practices discouraged by both Islam and Christianity.
- (i)
- (ii)
- (c) Write any **one** reason why some people worship idols instead of the creator.
-

SECTION A: 50 MARKS

Answer all questions in this section.

Questions 1 to 20 carry two marks each

1. Find the product of 2 and 134.

$$\begin{array}{r} 134 \\ \times 2 \\ \hline 268 \end{array}$$

OR

$$(100 \times 2) + (30 \times 2) + (4 \times 2)$$
$$200 + 60 + 8$$
$$268$$

2. Round off 4362 to the nearest hundreds.

TH	H	T	O
4	3	6	2
+ 1	0	0	0
<u>4</u>	<u>4</u>	<u>0</u>	<u>0</u>

$$4362 \approx 4400$$

3. Write a mathematical statement representing the shaded region of the Venn diagram below.



4. If $a = 3$, $b = 4$ and $c = -3$. Find the value of $ab - c^2$.

$$(a \times b - (c \times c \times c))$$
$$(3 \times 4) - (-3 \times -3 \times -3)$$
$$12 - (-27)$$
$$12 + 27$$
$$39$$

5. Joan drew a circle on the ground using her foot covering a distance of 132cm. how long was her foot? (Use $\pi \approx \frac{22}{7}$)

The foot represents the radius of the circle

$$\begin{array}{lcl} \frac{2\pi r}{7} & = & C \\ \frac{2 \times 22 \times r}{7} & = & 132 \text{cm} \\ \frac{44r}{7} & = & 132 \text{cm} \times 7 \\ 44r & = & 132 \text{cm} \times 7 \end{array} \quad \left| \begin{array}{l} \frac{44r}{44} \\ r \end{array} \right. = \frac{924 \text{cm}}{44} = 21 \text{cm}$$

The foot is 21cm long

6. Find the next number in the sequence below;

$$\begin{array}{ccccccc} -14, & -11, & -8, & -5, & -2, & \dots, \\ -14 + 3 & = & -11, & & & & \\ -11 + 3 & = & -8, & & & & \\ -8 + 3 & = & -5, & & & & \\ -5 + 3 & = & -2, & & & & \end{array}$$

7. How many groups of hundred represent the value of 5 in the numeral?

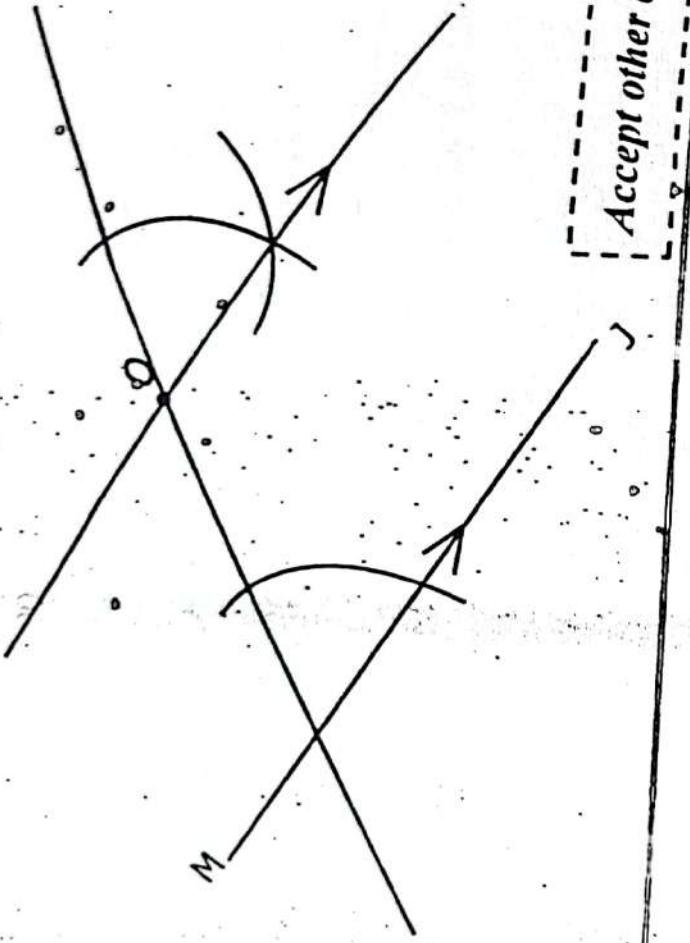
75834

Groups of hundreds			
5000 + 100			
50 groups			
<u>Value of 5</u>			
5×1000			
5000			

8. An athlete was covering 5 metres every second. Calculate his speed in kilometres per hour.

$$\begin{array}{lcl} 1000m & = & 1km \\ 5m & = & \frac{5km}{1000} \\ 1sec & = & \frac{1hr}{3600} \\ \frac{5km}{1000} & \div & \frac{1hr}{3600} \end{array} \quad \left| \begin{array}{l} \frac{5km}{1000} \times \frac{3600}{1hr} \\ \frac{5km}{1000} \times 36 \\ 18km/hr \end{array} \right.$$

9. Using a ruler, a pencil and a pair of compasses only, construct a line which is parallel to line MJ through point O .



10. Write the number whose expanded form is;

$$\begin{aligned}
 & (6 \times 10^3) + (5 \times 10^0) + (7 \times 10^2) \\
 & (6 \times 1000) + (5 \times 1) + (7 \times 100) \\
 & 6000 + 5 + 700 \\
 & 6705
 \end{aligned}$$

11. Kagiri borrowed sh.25,000 from a money lender which generated an interest of sh.6,000 after 3 years. Calculate the interest rate.

$$\begin{aligned}
 & (P \times R \times T) \\
 & sh.25000 \times \frac{R}{100} \times 3 = sh.6000 \\
 & sh.250 \times R \times 3 = sh.6000 \\
 & \frac{sh.750R}{sh.750} = \frac{sh.6000}{sh.750} \\
 & R = 8\%
 \end{aligned}$$

12. Use the prime factors below to find the largest factor which is common in both 12 and 18.

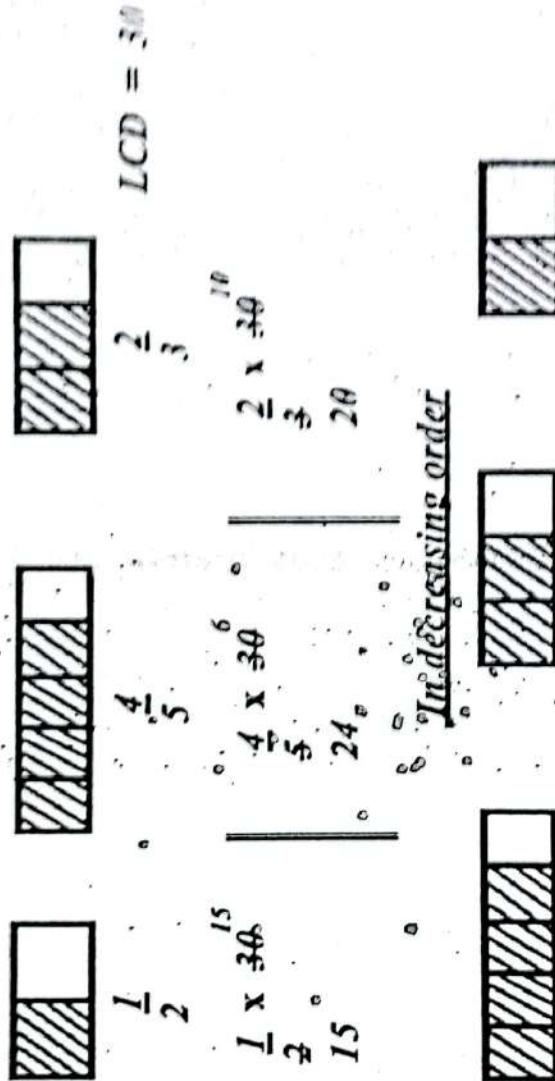
$$12 = 2^2 \times 3$$

$$18 = 2 \times 3^2$$

$$\begin{aligned} 12 &= 2 \times 2 \times 3 \\ 18 &= 2 \times 3 \times 3 \end{aligned}$$

$$\begin{aligned} \text{Common factors} &= \{2, 3\} \\ \text{Largest common factor} &= 2 \times 3 \\ &= 6 \end{aligned}$$

13. Arrange the diagrams below in decreasing order.



14. A teacher gave out two money offers to the best performing child in a Mock paper.

- First offer = sh.4,500
- Second offer = sh.100 doubled everyday for 24 days

Which of the two is the highest offer?

$$\text{First offer} = \text{sh. } 4500$$

Amount for second offer.

1 day	→	sh. 100
1 day	→	sh. 200
24 days	→	sh. 200 × 24
24 days	→	sh. 4,800

The second offer is the highest.

15. Change 4367 into scientific notation.

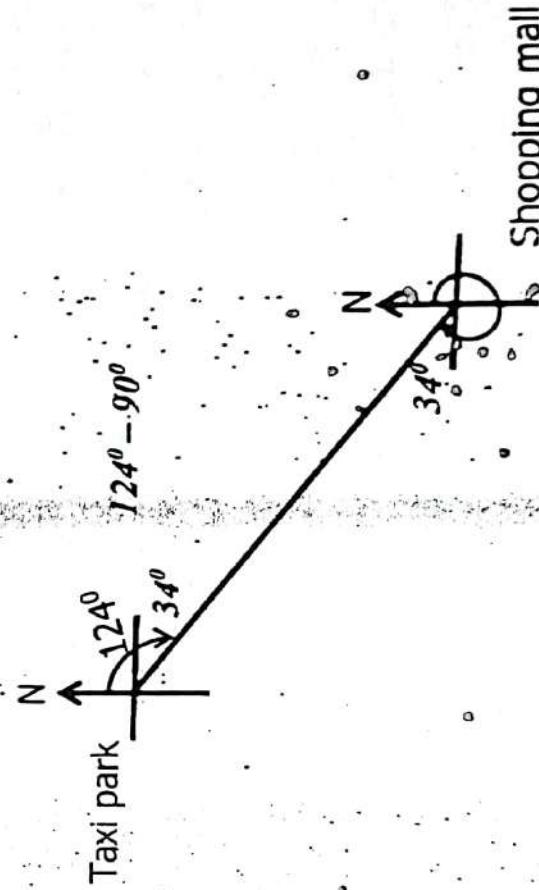
$$\begin{array}{r} 4367 \quad + \quad 10 \\ 436.7 \quad + \quad 10 \\ 43.67 \quad + \quad 10 \\ \hline 4.367 \times 10^3 \end{array}$$

16. Express 0.4545... as a rational number in the lowest form.

Let the rational number be y

$$\begin{aligned} y &= 0.4545\dots \quad (i) \\ 100 \times y &= 0.4545\dots \times 100 \\ 100y &= 45.45\dots \quad (ii) \\ (ii) - (i) & \\ 100y &= 45.45\dots \\ -y &= 0.4545\dots \\ \hline 99y &= 45 \end{aligned}$$

17. The bearing of the shopping mall from the taxi park is 124° . Use the diagram below to find the bearing of the taxi park from the shopping mall.



Bearing of Taxi park from Shopping mall

$$\begin{array}{r} 270^\circ \quad | \quad OR \\ + 034^\circ \quad | \quad 180^\circ \\ \hline 304^\circ \quad | \quad 124^\circ \\ \hline 304^\circ \end{array}$$

18. Solve for t: $3^{t-1} = 81.$

First Prime factorize 81

3	81	3^{t-1}	$= 3^4$
3	27	$t - 1$	$= 4$
3	9	$t - 1 + 1$	$= 4 + 1$
3	3	t	$= 5$
1	1		

19. A forty-minute lesson started at 4:06p.m. write the time the lesson ended in the 24-hour clock system.

<i>E.T</i>		<i>S.T-D</i>	<i>In 24 hour clock system</i>
<i>ET</i>	$= 4:06$	$+ 0:40$	$4:46 + 12:00$
			$16\ 46HRS$
		$4:46$	

20. A tourist van carries 42 tourists in 3 trips to Murchison falls National park. How many tourists does the van carry in 5 trips?

- 3 trips \rightarrow 42 tourists
- 1 trip \rightarrow $42 \div 3$
- 1 trip \rightarrow 14 tourists
- 5 trips \rightarrow 14×5
- 5 trips \rightarrow 70 tourists

SECTION B: 4 MARKS

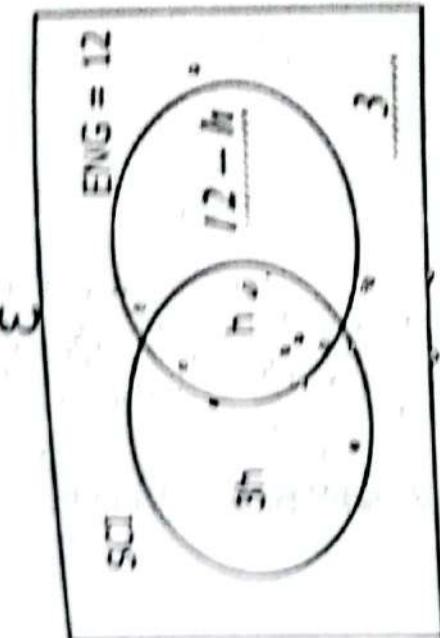
ANSWER ALL THE QUESTIONS IN THIS SECTION

LEAVES: ALL THE QUESTIONS ARE INDICATED IN BRACKETS
WHICH ARE EACH QUESTION.

THE VENN DIAGRAM BELOW SHOWS THE NUMBER OF PUPILS IN A CLASS WHO LIKED THREE OR MORE SUBJECTS. THEY LIKE AT LEAST 3 OF THE SUBJECTS IN THE TWO SUBJECTS.

COMPLETE THE VENN DIAGRAM CORRECTLY. (12 MARKS)

C



(a) If 10 pupils in the class do not like Science, find the value of h . (12 MARKS)

$$\begin{array}{r} 12 - h + 3 = 10 \\ 15 - h = 10 - 10 \\ \hline -h = -5 \\ \hline 1 = 1 \\ h = 5 \end{array}$$

(b) How many pupils like in the class? (12 MARKS)

Number of pupils	OK
$3h + h + 12 - h + 3$	$3h + h + 10$
$4h + 12 + 3$	$4h + 10$
$3h + 15$	$(4 \times 5) + 10$
$(3 \times 5) + 15$	$20 + 10$
$15 + 15$	30 pupils
$3h$	

22. * The average of $2y+5$, $4+y$, $2y+1$ and $\frac{5}{2}y$ is 19.

(a) Find the value of y .

(13 Marks)

$$\begin{aligned} \text{S.O.D.} &= \text{A.V. - N.O.D.} \\ 2y+5 + 4 + y + 3y + 1 + 12 &= 19 \times 4 \\ 2y + y + 3y + 5 + 4 + 1 + 12 &= 76 \\ 6y + 22 &= 76 \\ 6y + 22 - 22 &= 76 - 22 \\ 6y &= 54 \\ y &= 9 \end{aligned}$$

(b) Find their median.

(12 Marks)

$$\begin{array}{c|c} \text{Median} & \\ \hline 2y+5 & 3y+1 \\ (2 \times 9)+5 & (3 \times 9)+1 \\ 18+5 & 27+1 \\ \hline 23 & 28 \\ & \\ & \\ 4+y & \\ 4+9 & \\ \hline 13 & \end{array}$$

$$\begin{array}{c|c} \text{Median} & \\ \hline 12 & 14 \quad 23 \quad 28 \\ \hline & \\ & \\ (14+23) \div 2 & \\ 37 \div 2 & \\ \hline 18\frac{1}{2} \text{ or } 18.5 & \end{array}$$

23. Hanifah and Alyo shared 21 sweets given to them by their uncle. If Hanifah got $\frac{3}{4}$ of what Alyo got calculate Hanifah's share.

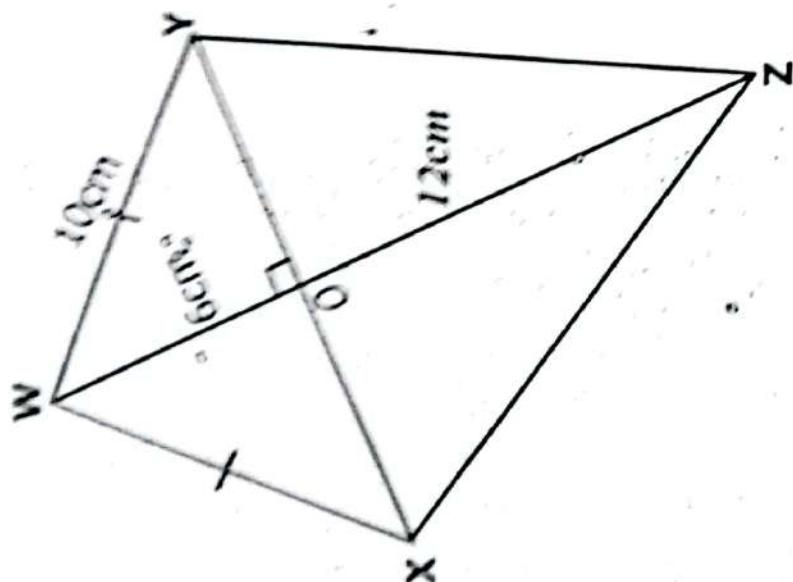
(14 Marks)

Let Alyo's share be y

Hanifah's share

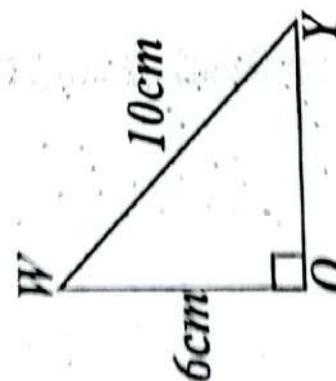
$$\begin{aligned} y + \frac{3y}{4} &= 21 \\ (4 \times y) + \frac{3y \times 4}{4} &= 21 \times 4 \\ 4y + 3y &= \frac{84}{4} \\ 7y &= 21 \\ y &= 3 \end{aligned}$$

24. In the diagram below, $WX = WY$, diagonal WZ is perpendicular to OZ . Study and use it to answer the questions that follow.



$$\begin{aligned}
 WZ &= 3 \times 6\text{cm} \\
 &= 18\text{cm} \\
 OZ &= WZ - OW \\
 &= 18\text{cm} - 6\text{cm} \\
 OZ &= 12\text{cm}
 \end{aligned}$$

(a) Find the length of XY .



(03 Marks)

$$\begin{aligned}
 b^2 &= c^2 - a^2 \\
 b^2 &= 10^2 - 6^2 \\
 b^2 &= 100 - 36 \\
 \sqrt{b^2} &= \sqrt{64} \\
 b &= 8\text{cm} \\
 XY &= 8\text{cm} \times 2 \\
 XY &= 16\text{cm}
 \end{aligned}$$

(02 Marks)

(b) Calculate the area of the triangle XYZ .

$$\begin{aligned}
 \text{Area} &= \frac{b \times h}{2} \\
 &= \frac{16\text{cm} \times 12\text{cm}}{2} \\
 \text{Area} &= 96\text{cm}^2
 \end{aligned}$$

The books have been written

Statement = 32, 12, 24, 26, 28

Banking under systems

(32 books)

Two things are done here
1. When a transaction
is made, it is recorded
in the books of accounts
and in the cash book.

Ex. 1. Purchase of goods

Dr. A/c Goods 1000

Creditor 1000

Dr. A/c Cash 1000

Cash 1000

Dr. A/c Bank 1000

Bank 1000

Two things are done here
1. When a transaction
is made, it is recorded
in the books of accounts
and in the cash book.

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(a)

Name the polygon.

$$\begin{aligned} \text{Number of sides} &= \frac{\text{Ext } \angle \text{ sum}}{\text{Ext } \angle} \\ &= \frac{360^\circ}{72^\circ} \\ &= 5 \text{ sides} \end{aligned}$$

(02 Marks)

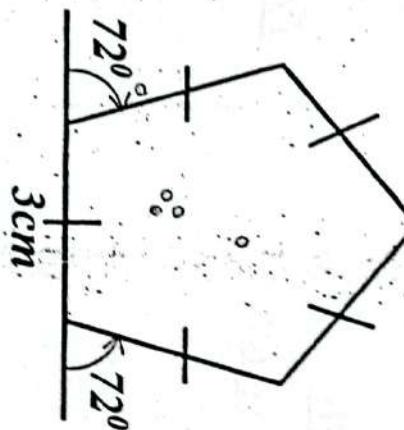
A 5 sided polygon is a pentagon

(b)

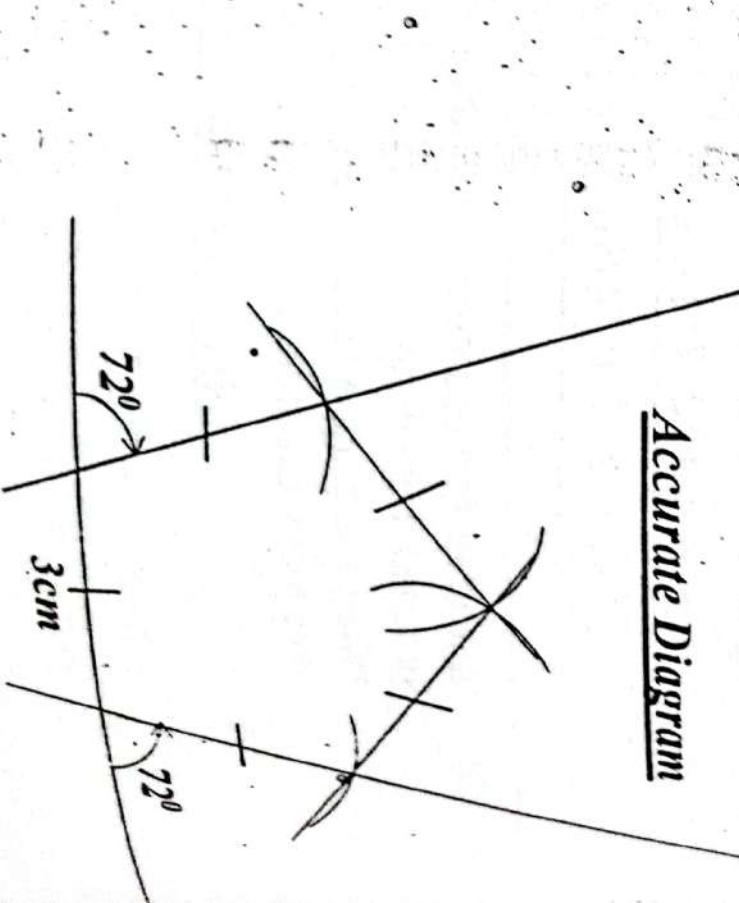
- Using a ruler, a protractor and a pair of compasses,
construct the above polygon with side length 3cm.

(04 Marks)

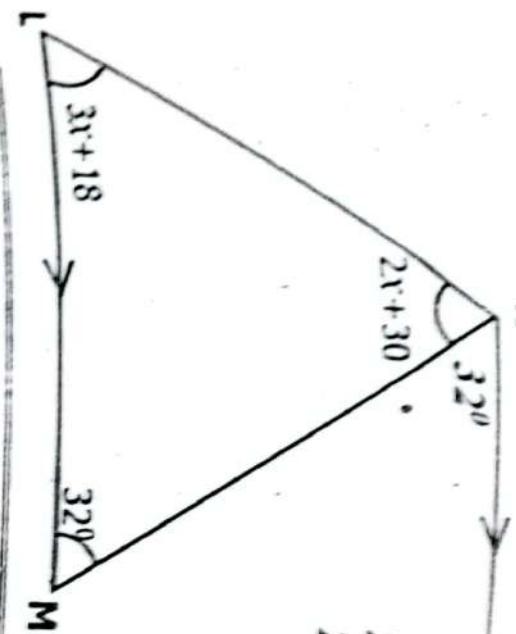
Sketch



Accurate Diagram



- In the diagram below, Line JK is parallel to LM. KLM is a triangle.
Use the diagram carefully and then answer the questions that follow.



(a)

Calculate the value of x . (0.3 Marks)

$$\begin{aligned}
 2x + 30^\circ + 32^\circ + 32^\circ &= 180^\circ \\
 2x + 3x + 80^\circ + 32^\circ &= 180^\circ \\
 5x + 80^\circ - 80^\circ &= 180^\circ - 80^\circ \\
 5x &= 100^\circ \\
 x &= 20^\circ
 \end{aligned}$$

J

M

L

(a) Workout the size of angle JKL.

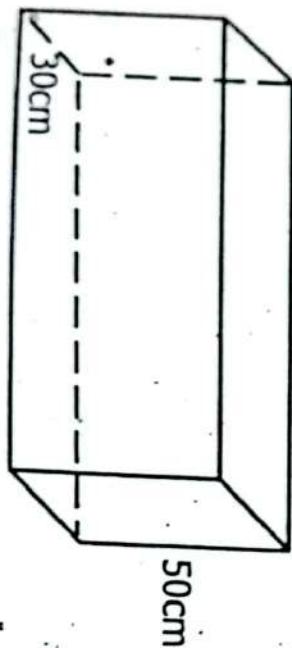
(02 Marks)

$$JKL = 102^\circ$$

29.

- The diagram below shows a drinking water trough used by Mr. Teffe to give his animals water. Study the diagram and use it to answer the questions that follow.

60cm



If Mr. Teffe filled the trough with water using a 5 litre jerrycan,
How many jerrycans did he use
to fill two thirds of the trough?

(05 Marks)

$$\text{Capacity} = V \div 1000\text{cm}^3$$

$$\begin{aligned}
 \text{Capacity} &= \frac{60000\text{cm}^3}{1000\text{cm}^3} \\
 &= 60\text{litres}
 \end{aligned}$$

Two thirds of Volume of trough

$$\frac{2}{3} \times 90000\text{cm}^3$$

$$60000\text{cm}^3$$

Number of Jerrycans used

$$60 \div 5$$

12 Jerrycans

A woman sold a belt at sh. 4,200 and made a 5% profit. At what price would she have sold the belt if she had realized a 20% loss?

$$SP = B.P + P$$

$$\frac{100\% + 5\%}{105\%} = \frac{B.P + P}{100\%}$$

$$B.P \text{ percentage} = 100\%$$

$$105\% \rightarrow sh. 4200$$

$$1\% \rightarrow sh. 4200 \div 105$$

$$1\% \rightarrow sh. 40$$

$$100\% \rightarrow sh. 40 \times 100$$

$$100\% \rightarrow sh. 4000$$

$$Buying price = sh. 4000$$

Selling price = sh. 4000 (04 Marks)

Selling price making a loss

$$Selling percentage = 100\%$$

$$= 80\% - 20\%$$

$$= 80\% \times sh. 4000$$

$$= sh. 3200$$

Accept other approaches

31. A class contains boys and girls in the ratio of 7:4 respectively.
If there are 15 more boys than girls.

(a)

How many girls are in the class?

$$Total ratio = 7+4 \quad | \quad \frac{Number of girls}{Boys}$$

$$= 11 \quad | \quad 1 part \rightarrow 5 pupils$$

$$More parts = 7-4 \quad | \quad 4 parts \rightarrow 5 \times 4$$

$$= 3 \quad | \quad 4 parts \rightarrow 20 girls$$

$$3 parts \rightarrow 15 boys \quad | \quad 1 part \rightarrow 15 \div 3$$

$$1 part \rightarrow 5 pupils \quad | \quad 1 part \rightarrow 5 pupils$$

- (b) If $\frac{3}{5}$ of the girls and 40% of the boys are day scholars.

How many boarding pupils are in the class? (03 Marks)

Number of boys in class	Boys
1 part \rightarrow 5 pupils	$100\% - 40\%$
7 parts \rightarrow 5×7	60%
7 parts \rightarrow 35 boys	$\frac{60}{100} \times 35$
Pupils in boarding	100
21 boys	21
Girls	21 - 3 = 18
$\frac{3}{5} - 3 = 2$ parts	21 + 8
5	29 pupils
8 girls	8

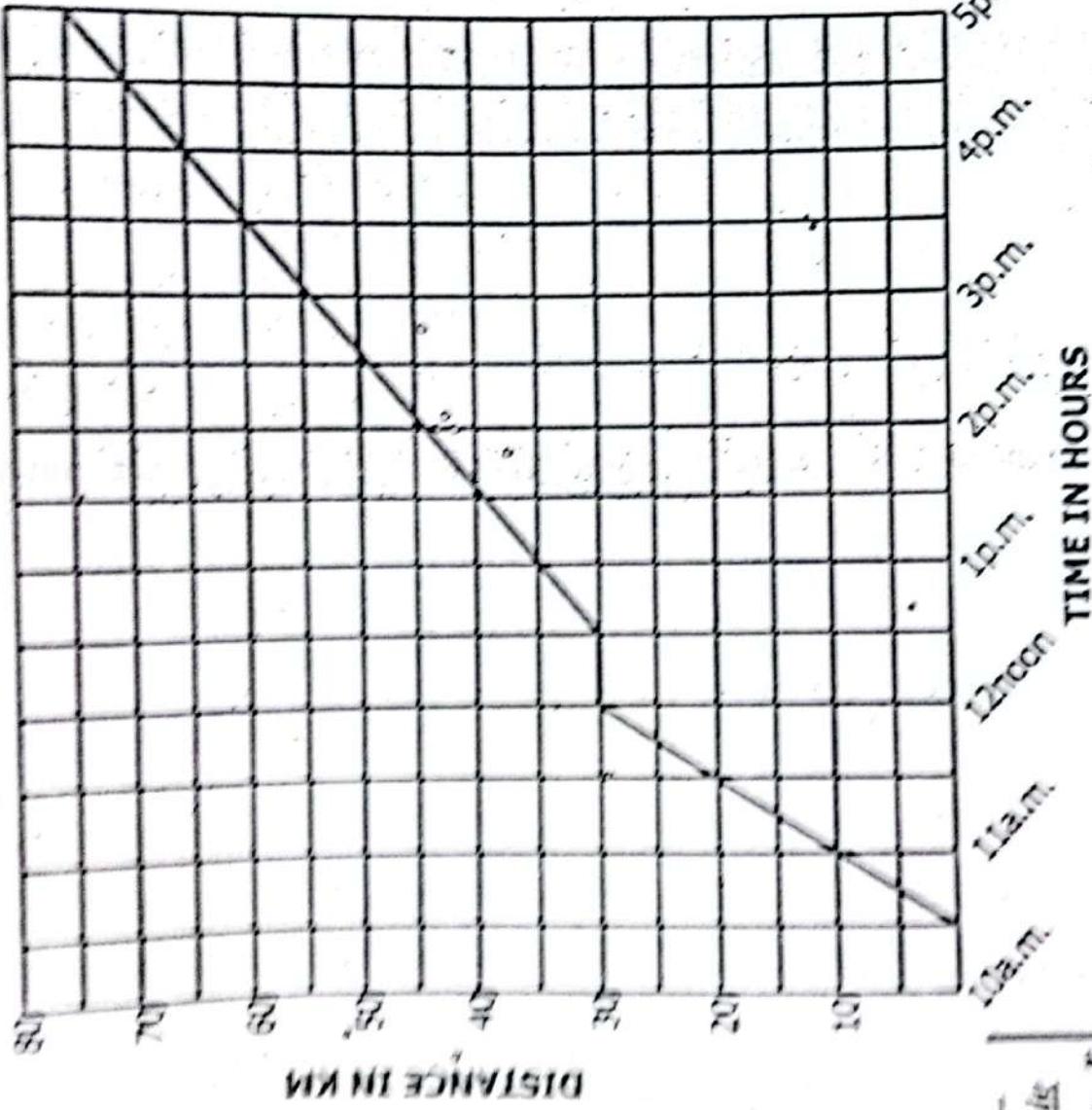
Total number of pupils in boarding

$$21 + 8 = 29$$

$$21 + 8$$

A motorcyclist left Mussoorie at 10:30 a.m. for Lyantonde moving at a speed of 75 km/h for $\frac{1}{2}$ hours. He spent 30 minutes at Lyantonde while having lunch meals. The motorcyclist resumed the journey to Mussoorie at a speed of 10 km/h in $4\frac{1}{2}$ hours.

(3) Draw on the graph below, the journey of the taxi. (03 Marks)



$$D = S \times T$$

$$= 20 \times \frac{3}{2}$$

$$= 30\text{ km}$$

$$\frac{\text{Mussoorie} - \text{Lyantonde}}{\text{Lyantonde} - \text{Mussoorie}}$$

$$D = S \times T$$

$$= 10 \times \frac{9}{2}$$

$$= 45\text{ km}$$

(b) Calculate the motorcyclist's average speed for the whole journey.

$$\text{Average Speed} = \frac{D}{T}$$

$$= \frac{75\text{ km}}{1.3\text{ hr}}$$

$$= \frac{150\text{ km}}{1.3\text{ hr}}$$

$$= 11\frac{7}{13}\text{ km/hr}$$

SECTION A: 40 MARKS

1. Give any one way people in rural areas get to know information about government programmes.

❖ Through community meetings.

❖ Use of the media (Accept specific examples)

✓ Using radios.

✓ Using newspapers.

✓ Mobile outreach (Use of SMS alerts/oice messages/Mobile alerts.)

❖ Through door-to-door campaigns.

❖ Through local leaders and influencers

(Chairpersons/RD/CWHP/religious leaders)

❖ Use of visual aids (Posters/Banners)

❖ Through community announcers

State any one way Lake Victoria influences the living conditions of people around it.

❖ People carryout fishing/Farming /Mining/Tourism/Transport

❖ People build houses with slanting roofs.

❖ People use the inland ports to import their goods.

❖ People carryout interterritorial trade.

❖ People build industries around it.

Why are groundnuts regarded as non-traditional cash crops?

❖ Groundnuts were originally grown for food but can now be sold.

State any one way the rights of children are being abused in Uganda today.

❖ Some are raped//Through defilement// Through kidnapping.

❖ Denial of food//medical care//education//clothing/shelter/name

❖ Through child labour//Child neglect

❖ Through giving them corporal punishments.

❖ Forcing them into early marriages.

❖ Sending them to streets.

Write any one economic challenge facing African countries with no direct access to the sea.

❖ Heavy taxes on overseas goods.

❖ High transportation costs when importing goods.

❖ Delay of overseas goods in transit.

❖ High prices for imported goods.

❖ Smuggling

State any one advantage a boda boda has over a taxi as means of road transport.

❖ A bodaboda can easily find way through traffic jam compared to a taxi.

❖ A bodaboda is easily accessible in remote areas than a taxi.

❖ Spare parts for a bodaboda are cheaper than those for a taxi.

- ↳ Reporting cases for a child's death are done by the health team & ZANU.
- ↳ It is easy to learn reading & writing than driving & writing.
- ↳ A local media company has not started its operation.
- ↳ It is easier to get a license for a local radio station & ZANU.
- ↳ A local media producer says and twice their is more success compared to a book.

QUESTION 47) ONE OF THE FOLLOWING COUNTRY IS NOT TRADITIONALLY PRACTICED IN UGANDA

- ↳ South Africa. ↳ Malawi.
- ↳ Namibia. ↳ Mozambique.
- ↳ Lesotho. ↳ Eritrea.

QUESTION 48) ONE OF THE FOLLOWING IS STUDENT MURKINING THAT IS INC SECURITY AT SCHOOL

- ↳ Following school rules and regulations (Accept specific rules)
 - ✓ Respecting one another
 - ✓ Keeping one another
 - ✓ Apprechting each other.
 - ✓ Playing
- ↳ Reporting wrong doers/Intdiscipline pupils at school.
- ↳ Performing assigned roles at school (Accept specific roles)
 - ✓ Sweeping the compound
 - ✓ Cleaning washrooms
 - ✓ Running canteen.
- ↳ Proper use of school property

QUESTION 49) WHO DOES THE UGANDA NATIONAL Bureau of Standards (NBS) Help To Improve on the quality of goods sold in Uganda?

- ↳ Approves standard goods/ Controls the production of sub-standard goods in the country // Ensures production of standard goods.
- ↳ Controls the sell of defect/expired goods in the country.
- ↳ Gives trading licenses to only companies with standard measures.
- ↳ Teaches producers standard procedures of production

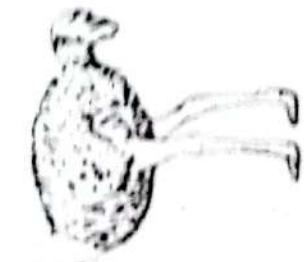
QUESTION 50) MENTION ONE ELEMENT OF WEATHER THAT MAKES PEOPLE TO CARRY UMBRELLAS.

- ↳ Sunshine.
- ↳ Rainfall.

The diagram below is of one of the tourist attractions found in game parks in Uganda. Use it to answer Questions 11 and 12.

11. Identify the tourist attraction shown
 ↳ Ostrich

12. Name the National game park in Uganda which is famous for the above tourist attraction.
 ↳ Kidepo Valley National park.



- Q. In which one of the following countries is Uganda Wildlife Authority? (A) People's Republic of China (B) United States
 (C) Protects and conserves wildlife in Uganda.
 (D) Employs people. E. (E) game warden and ranger.
 (F) It promotes tourism through advertising Uganda's wildlife.
 (G) It is a place of leisure/recreation.
- Q. Who one wrote it why Dr Kenneth Kaunda organized a Pan-African meeting in Zambia in 1958?
 (A) To mobilize Africans to fight for their independence.
 (B) To unite African nationalists.
 (C) He wanted to propose for the formation of OAU.
 (D) To mobilize nationalists to fight for the rights of Africans.
 (E) To encourage Africans to fight for independence.
 (F) To promote the spirit of national aggr.
- Q. How is a map different from a picture as representations of objects?
 (A) A map represents an object as drawn from above while a picture represents an object as drawn from sides. (Refer: *drawn from side*)
 (B) How do people in hilly areas prevent their crops from being washed away by fast flowing water on slopes?
 (C) Digging contours around their gardens.
 (D) By strip cropping.
 (E) By terracing.
- Q. Give one reason why most rivers have their sources from mountains.
 (A) Some mountains have melting snow on their top.
 (B) Mountains receive heavy rainfall.
 (C) Rivers flow from areas of high altitude to areas of low altitude.
 (D) None any one of them in which a low population is a cause of underdevelopment in some African countries.
 (E) It lowers market for local goods / imported goods.
- Q. Which one of the following is a reason for the poverty in India?
 (A) It creates a low labour force in a country.
 (B) There is low tax base for the government.
 (C) There is poor social service provision.
 (D) There is underutilization of resources.
 (E) It causes under production of goods.
- Q. Write any one role of tribal leaders in our communities.
 (A) To allocate land to tribesmen.
 (B) To settle tribal disputes.
 (C) To promote morals among tribesmen.
 (D) To provide some tribal ceremonies.

- ⇒ The Islamic government choices to tribe members.
- ⇒ To encourage tribal members to move it prevent部落 members to desert.
- ⇒ Desert regions have less resources for raising the animals, have little water for animals to drink.
- ⇒ There are hot conditions in the desert.
- ⇒ Desert reports from slaves & travellers front chain for animals.
- ⇒ There are some tribes which practise muslum animal movement.

- ⇒ Due to the desert very the spread of Islam is very slow compared to Christianity.
- ⇒ The Islamic preachers were more interested in trade than the missionaries who spread Christianity.
- ⇒ The Arabs who spread Islam were harsher for being agents of slave trade yet the missionaries were cruel for stopping slave trade.
- ⇒ The Arabs were not "avunat" by themselves like the missionaries, Africans feared Islamic practices like fasting and circumcision which was not the case with Christianity.
- ⇒ Arabic language was difficult for Africans to learn as compared to Christianity which was translated to local languages.

- ⇒ Due are one characteristic of Islam is a nation.
- ⇒ It has a national leader. ⇒ It has its own citizens.
- ⇒ It has a national force (UPDF). ⇒ It has national symbols.
- ⇒ It has clearly marked boundaries.
- ⇒ It has control over all its territories areas.

- ⇒ Due any one reason why India joined the Commonwealth of Nations organization.
- ⇒ To unite all countries that have colonial ties with Britain.
- ⇒ To promote trade among member countries.
- ⇒ To promote good governance and democracy among member states.
- ⇒ To create a wider market for goods of member countries.
- ⇒ To uplift the standards of living among member countries.
- ⇒ To promote respect for human rights in member countries.
- ⇒ To promote education and sports among member countries.
- ⇒ To promote financial assistance to member countries.
- ⇒ To promote agriculture in member countries.

- ⇒ In which one way did the British contribute to the development of countries and colonies in Uganda?
 - ⇒ They introduced a centralized system of administration/monarchy
 - ⇒ They introduced royal families. ⇒ They introduced salt mining

- 25.
- ❖ They introduced bark cloth making.
 - ❖ They introduced Long horned cattle.
 - ❖ They introduced local chess.
 - ❖ They started the building of reed palaces.
 - ❖ They introduced idea of digging ditches for protection.
 - ❖ They introduced the idea of building grass thatched houses.
 - ❖ They introduced medical services influence population growth?

How do improved medical services, reduce rates leading to increase in the number of children who grow up, increases on the life expectancy of people in the country.

- 26.
- ❖ State any one measure the government of Uganda can undertake to reduce over dependence on foreign aid.
 - ❖ By exporting processed goods.
 - ❖ Increasing agriculture production.
 - ❖ Widening the tax base to increase sources of income.
 - ❖ Training more skilled workers.
 - ❖ Reducing unnecessary of government officials.
 - ❖ Fighting corruption.
 - ❖ Through modernizing agriculture.
 - ❖ Through supporting local investors.
 - ❖ Through creating a wider market for local goods.
 - ❖ By promoting the spirit of buy Uganda build Uganda.

27. Draw a map symbol to represent a stone quarry in the space below.



28. Give any one reason why fishing activities in Uganda are still underdeveloped
- ❖ Presence of water hyacinth that makes fishing activities difficult.
 - ❖ Limited capital among fishermen.
 - ❖ Poor fishing methods which reduce fish in water bodies.
 - ❖ Poor storage facilities.
 - ❖ Low levels of technology.
 - ❖ Cultural beliefs which discourage some people from fishing.
 - ❖ Limited local market for fish.
 - ❖ Presence of fish predators like crocodiles.
 - ❖ Water pollution which kills fish.

In which one way does electricity help to improve the standards of living of people in the country?

- ❖ Electricity lights up people's homes.
- ❖ Used to control traffic lights
- ❖ Used for lighting streets in towns.
- ❖ Some people use it for cooking, ironing and washing.
- ❖ Electricity runs people's machines.
- ❖ People use it to charge their phones
- ❖ People use it to operate their radios, televisions and refrigerators

What is the meaning of the term 'Excise duty' as a form of tax in Uganda?

- ❖ Excise duty is the tax charged on locally manufactured goods/ goods produced in the country.

Give any one way Uganda benefits in having many industries in different parts of the country.

- ❖ Industries employ people.
- ❖ Industries develop other sectors of Uganda.
- ❖ The many industries attract foreigners who bring foreign exchange.
- ❖ The industries buy people's produces which they use as raw-materials.
- ❖ Presence of many industries lead to development of infrastructures like roads.

- ❖ People get cheap products produced from the industries.
- ❖ Industries generate income to the government of Uganda.

Write any one contribution made by the collaborators in extending colonial rule to different parts of Uganda.

- ❖ They helped in signing colonial agreements and treaties.
- ❖ They helped in enforcing colonial policies.
- ❖ They acted as interpreters for the colonialists.
- ❖ They provided information to the colonialists.
- ❖ They provided administrative posts in different parts of Uganda.
- ❖ They built administrative posts in different parts of Uganda.

Give any one reason why the Local Council I committee registers residents of their locality.

- ❖ To know the number of people in their locality.
- ❖ To plan well for people in their locality.
- ❖ For security purposes.

State any one way in which the white settlers contributed to the development of Kenya.

- ❖ They introduced dairy farming/ / Introduced exotic animals.
- ❖ They introduced plantation agriculture.
- ❖ They introduced new cash crops in Kenya.
- ❖ They introduced new methods of farming.
- ❖ They introduced new opportunities for Kenyans.
- ❖ Created employment opportunities for Kenyans.
- ❖ Used idle land in Kenya.

35.
❖ Led to urbanisation
❖ Promoted industrialization/ development
❖ Led to development of towns like Nairobi, complete control over the communication network.

For each of the questions 36 to 40, answer either the Christian OR Islamic question. Write the first pillar of Islamic faith. Believing in the oneness of Allah (Monotheism).

36. But not both. No marks will be awarded to a candidate who attempts both alternatives in a particular number.

EITHER: Which of the Three persons who

❖ God the Father

OR: Write the first pillar of Islamic faith. Believing in the oneness of Allah (Monotheism).

EITHER:

- Give one role of the Church in promoting goodness in the society.
- ❖ The church visits the sick.
 - ❖ It offers charity.
 - ❖ It provides relief to the needy.
 - ❖ The church prays for the community.
 - ❖ It offers counselling and guidance.
 - ❖ The church promotes education.

OR:

- Give one role of Muslim believers in promoting goodness in the society.
- ❖ They visit the sick.
 - ❖ They pray for the community.
 - ❖ They offer counselling and guidance.
 - ❖ They promote education through proving scholarships.
 - ❖ They settle disputes.
 - ❖ They provide relief to the needy.

38. EITHER: Write any one way in which the light of Jesus Christ can be seen

- a Christian.
- ❖ Through being kind to others.
- ❖ By being prayerful.
- ❖ By being humble.
- ❖ (Accept any other fruit of the Holy Spirit)

OR:

- Write any one way in which some teachings of Prophet Muhammad can be practical in the life of a Muslim.
- ❖ Through being kind to others.
 - ❖ By being compassionate.
 - ❖ By being prayerful.

STAKEHOLDER ENGAGEMENT

- Government agencies should be entitled to our information.
- Stakeholder groups should have the right:

• Shifting the focus of engagement

from "what to do" to "how to do it" through better stakeholder engagement

INFORMATION DISCLOSURE

- The right to receive information from the World Bank Group.

SECTION 2: SHAPING

- Information about the most important segments of the institution.

* Transparency Report

With the other respondents, we will take the time to share some of the most important findings.

* Transparency Report

- Having the right to receive information.

* Transparency Report

- Requesting the right to receive information.

* Right to receive information from the World Bank Group.

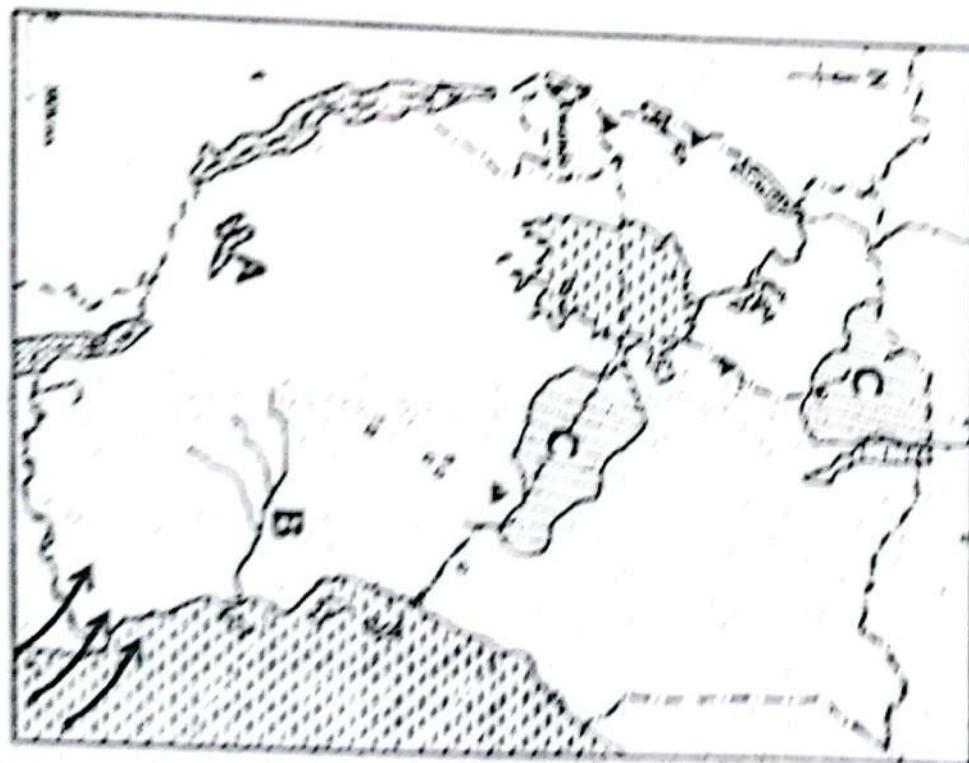
* Right to receive information from the World Bank Group.

- Right to receive information from the World Bank Group.
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42.

- (a) Name three common economic market areas. Uganda and South Africa
- ◊ Common Market for Eastern and Southern Africa (COMESA)
- (b) Give any two reasons why Uganda should have good relations with her neighbours.
- ◊ To promote peace and unity.
 - ◊ To promote trade.
 - ◊ To be able to use the sea ports of her non-locked neighbours.
 - ◊ To promote friendship and cooperation.
 - ◊ To allow free movement of people and goods across borders.
 - ◊ To promote transport and communication.
 - ◊ To get goods that it does not produce in the country.
- (c) In which one way does Uganda's membership in more than one common market benefit her citizens?
- ◊ Ugandans get what they cannot produce.
 - ◊ Ugandans get a wider market for their goods.
 - ◊ It promotes friendship between Ugandans and citizens of other countries.
 - ◊ Ugandans enjoy reduced taxes on overseas goods.
 - ◊ Ugandan traders enjoy reduced tariffs on overseas goods.
 - ◊ Ugandan labour / workers enjoy free movement to other member countries.
 - ◊ Ugandans enjoy improved transport and communication.
 - ◊ There is peaceful co-existence with other member countries.
- (d) Give any two reasons why most households in Uganda are still living in poverty?
- ◊ Due to unemployment / lack of jobs
 - ◊ Laziness // Poor planning // Poor attitudes towards work / Some have large numbers of members that they cannot support /
 - ◊ Due to illiteracy among house hold members (limited access to education and job opportunities)
 - ◊ Due to mental and physical disabilities.
- (e) State any two methods the government is using to eradicate poverty among Ugandans.
- ◊ Through creating jobs for the people / through industrialization
 - ◊ Developing infrastructure.
 - ◊ Giving incentives to foreign investors to create jobs in the country.
 - ◊ Investing in quality education.
 - ◊ Promoting trade mechanization
 - ◊ Modernizing agriculture // Through agricultural mechanization

- 42.
- (a) In which two regions did the formation of the Legislative Council (LEGCO) help to ease British administration in Uganda?
 - ♦ It made laws for the colonial government.
 - ♦ It advised the colonial government on matters of administration.
 - ♦ The colonial government used the LEGCO to get information from different regions.
 - (b) Why were the native Ugandans unhappy with the formation of LEGCO by 1921?
 - ♦ Ugandans were not equally represented on the LEGCO.
 - ♦ The laws LEGCO made were not favouring Ugandans.
 - ♦ Name the first Ugandan native representative to be appointed on the LEGCO from northern Uganda.
 - ♦ Yekosoff Innyon
 - (c) Study the sketch map of East Africa below and use it to answer the questions that follow.



Name the lake marked A on the above map.

♦ Lake Rukwa

Which ethnic groups were settled in the shambas shown C on the map?

- ❖ Harsh treatment of the rebellion that took place around river B and Jumbes)
- ❖ Forced cotton growing.
- ❖ Heavy taxation of the local people.
- ❖ Some people had lost their land to the German administrators.
- ❖ The need to regain independence.
- ❖ German's arrogance and disrespect.
- ❖ The prophecy of Kinjikitire Ngwale.
- (d) How do the prevailing winds indicated by the arrows influence the climate areas to which they blow?
- ❖ They bring/cause a lot of rainfall to East Africa.
46. (a) Write any **two** ways in which the rights of people were violated in South Africa before her independence.
- ❖ Africans were not allowed to travel to other parts of the country without travel cards/ Identity cards.
 - ❖ Marriage between the whites and non-whites was illegal.
 - ❖ Blacks were not represented ion the LEGCO.
 - ❖ There were separate residential places called Bantustans.
 - ❖ The Blacks were denied quality education.
 - ❖ There were separate schools, hospitals and churches for the Blacks.
 - ❖ Freedom fighters were tortured, detained, arrested and killed without trial.
 - ❖ Peaceful demonstrations were suppressed forcefully.
 - ❖ Blacks were not allowed to participate in politics of South Africa.
 - ❖ There was no freedom of speech, association and expression for the Blacks.
- (b) What **one** role did Nelson Mandela play in restoring respect for rights in South Africa?
- ❖ He mobilized the Blacks to stage boycotts and strike against the racist regime.
 - ❖ He formed ANC which fought for human rights against the racist regime.
 - ❖ He formed the people of South Africa against apartheid.
 - ❖ He united the people of Wesizwe to fight against states to provide military support to Africa.
 - ❖ He sought for military support from African countries.
 - ❖ He sought abuse.
 - ❖ He sought a country that provided military support to Africa.

7. Match the former kings of Buganda in **List A** with what they are remembered for in **List B** correctly.

LIST A

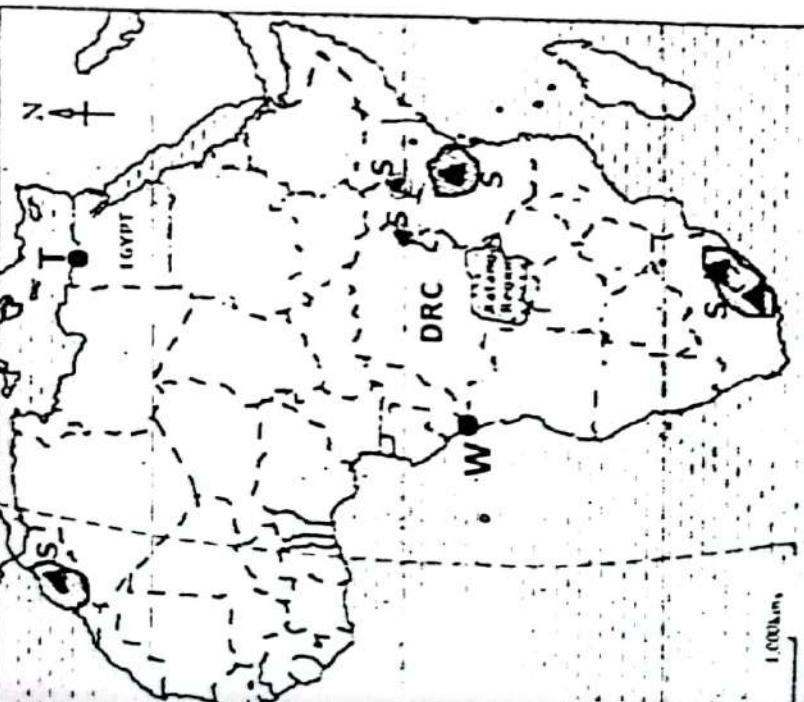
- (i) Kabaka Daudi Chwa
- (ii) Kabaka Sunna I
- (iii) Kabaka Mwanga II
- (iv) Kabaka Edward Mutesesa II

LIST B

- (i) He was exiled to Britain in 1953.
- (ii) He was exiled to Seychelles Island where he died.
- (iii) He ruled with the help of regents.
- (iv) He welcomed the first Arabs to Buganda.

- (i) Kabaka Daudi Chwa: He ruled with the help of regents.
- (ii) Kabaka Sunna I: He welcomed the first Arabs to Buganda.
- (iii) Kabaka Mwanga II: He was exiled to Seychelles Island where he died.
- (iv) Kabaka Edward Mutesesa II: He was exiled to Britain in 1953.

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



Name the sea ports marked **T** and **W**.

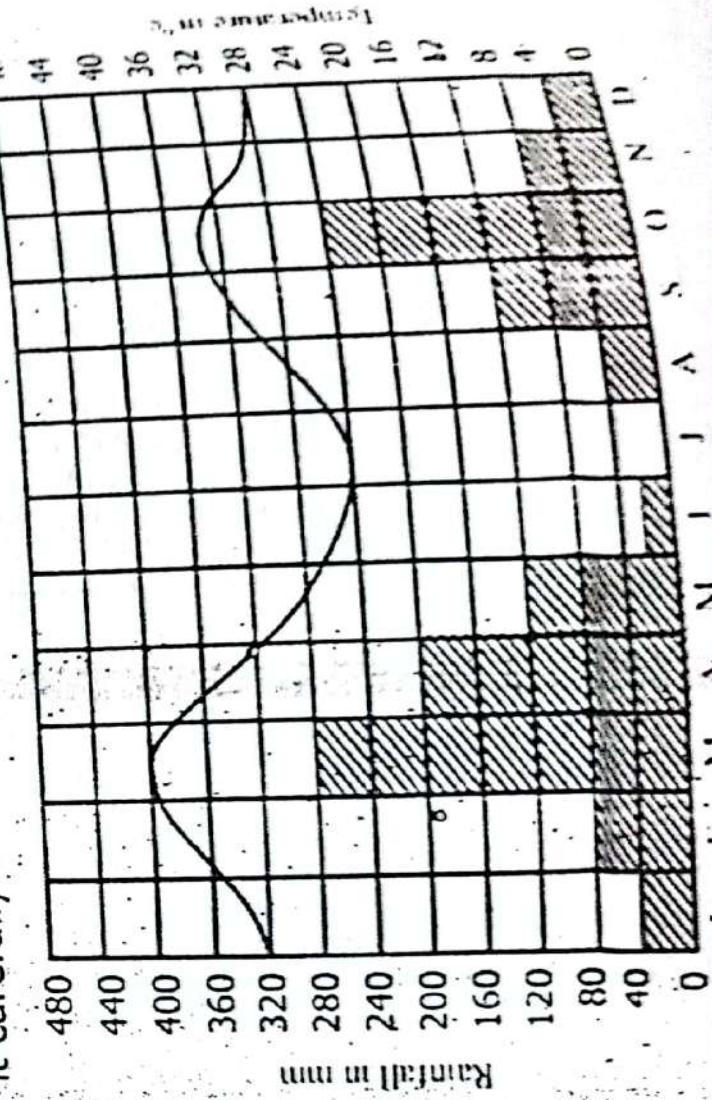
T : Port Alexandria.

W : Port Matadi

- (b) State any **one** contribution of the Katanga region to the economic development of DRC.
- ❖ It has created employment opportunities for the people of DRC.
 - ❖ Has promoted development of towns.
 - ❖ Minerals mined there are raw-materials for industries.
 - ❖ It has promoted the development of infrastructure like roads, etc.
 - ❖ Mineral exports earn DRC foreign exchange.
 - ❖ It has attracted many foreign investors to DRC.
- (c) State any **one** factor that influences vegetation distribution in the shaded areas **S** on the map above.
- ❖ Altitude/ temperature / Rainfall distribution

49. (a) Write any **two** factors that hinder the productivity of labour in an industry.
- ❖ Poverty
 - ❖ Accidents
 - ❖ Poor transport network
 - ❖ Language barrier.
- (b) Name the specialized United Nations Agency responsible for protecting the rights of workers world-wide.
- ❖ International Labour Organization (ILO)
- (c) Apart from workers, mention any **one** other key factor in running an industry.
- ❖ Land / Capital / Raw-materials / Water / market for goods
 - ❖ Peace and stability / Energy source.
 - ❖ Transport and communication network.

50. The graph below shows a climatic zone of an area in Africa. Study it carefully and then answer the questions that follow.



- 1) Identify the type of climate shown on the graph above.
- ❖ Tropical climate.
- 2) Write any one crop that grows well in the area indicated on the above graph.
- ❖ Maize / sorghum / millet / beans / cotton / groundnuts
 - ❖ Fruits like, jackfruit / oranges / mangoes / guavas etc...

- 3) According to the graph, state the relationship between temperature and rainfall.
- ❖ The increase in temperature causes increase in the amount of rainfall received.

- 4) Calculate the temperature range of the graph.
- ❖ Temperature Range = Highest temperature – Lowest temperature,
- $$= 40^{\circ}\text{C} - 24^{\circ}\text{C}$$
- $$= 16^{\circ}\text{C}$$

For each of the questions 51 to 55, answer EITHER Christian OR Islamic questions but **not** both. **No mark** will be awarded to a candidate who attempts both alternatives in a **particular number**.

EITHER:

- 1) Name any **one** Prophet in the Old Testament who prophesized about the birth of the Messiah.

❖ **Micah / Isaiah / Malachi**

How were the wise men from the East able to locate the place where the Messiah was born?

- ❖ They were directed by the star
On which day do most Christians celebrate the birth of the Messiah?
❖ **Christmas day.**

Give any **one** reason why the Messiah is regarded as the Prince of peace according to Christianity.

- ❖ He restored the relationship between man and God.
- ❖ He cast demons out of people.
- ❖ He taught compassion and unity.
- ❖ He forgave sinners.
- ❖ He taught love for enemies.
- ❖ He died for mankind.
- ❖ He restored hope among the hopeless.

OR:

- (a) Name any one prophet who prophesized about the last messenger of Allah.
❖ Prophet Issa // Prophet Ibrahim // Prophet Musa
- (b) In which place was the last messenger on earth? (one)
❖ Mecca.
- (c) On which day do some Muslims celebrate the birth of last messenger?
❖ On Monday, 12th Rabiul-Awal, 571AD
❖ On Mauleed day
- (d) Give any one reason why the last messenger is regarded as the Light (Noor) of humanity on earth.
❖ He was righteous
❖ He taught love for enemies.
❖ He forgave sinners.
❖ He restored the relationship between man and Allah.
❖ He restored hope among the hopeless.
❖ He preached about peace and reconciliation
❖ He taught compassion and unity.
❖ He is the one who will intercede for all humanity on judgement day.

52. EITHER:

- (a) State any two ways in which people disobey God today.
❖ By committing adultery.
❖ By stealing.
❖ By worshipping idols:
❖ By failing to give tithe and offertories.
❖ By disrespecting the Sabbath day.
- (b) Write any one way how Adam and Eve's disobedience caused misery to mankind.
❖ It led to death // Sickness // Shame // Pain and suffering
❖ It separated man from God.
❖ It caused curses to the creation.
- (c) How did Adam and Eve attempt to hide their nakedness after eating the forbidden fruit?
❖ They sewed fig leaves / leaves from plants.
❖ They covered themselves with plant leaves.
❖ They made clothes from plant leaves.

- OR:**
- (a) Which form of authority is possessed by only Allah?
- ❖ Divine authority, (Refers Divine authority)
- (b) In which two ways do leaders misuse the authority trusted to them?
- ❖ By mistreating people.

Write any one way in which Jesus Christ showed abusing over nature.

- ❖ Jesus walked on water,
- ❖ He raised the dead,
- ❖ He made the blind to see,
- ❖ He healed the stormed,
- ❖ He calmed the water into wine,
- ❖ He cursed the fig tree and died.

- In which two ways do leaders misuse their authority?
- ❖ Through wrongfully education.
 - ❖ By misleading and misusing.
 - ❖ Through corrupt business.
 - ❖ Through abusing elections.

Q. 11:

Write two ways in which the people abuse their divine authority.

- ❖ By misleading people,
- ❖ By misleading people,
- ❖ By abusing funds,
- ❖ By being corrupt,
- ❖ By taking bribe,

Q. 12:

Write two ways in which the leaders misuse their divine authority.

- ❖ By embezzling funds.
 - ❖ By being corrupt.
 - ❖ By taking bribes.
- (c) Write any one way in which Prophet Muhammed (P.B.U.H) showed justice over nature.
- ❖ He split the moon into two.
 - ❖ He ordered a camel to testify.
 - ❖ He read yet he was an illiterate.
 - ❖ He made Miraj and Isra in one night
 - ❖ He commanded a piece of meat to testify.
 - ❖ He detected the woman who wanted to poison him.

54. EITHER:

"Have you considered my servant Job, that there is none like him on earth; a blameless and upright man, who fears God and turns away from evil." (Job 1:8)

- (a) Who was the Lord talking to in the above quotation?
- ❖ Satan / The devil
- (b) Mention any **two** important lessons you can take from the above quote.
- ❖ Always to be blameless before God.
 - ❖ To fear God
 - ❖ To do away from evil.
 - ❖ To always be truthful and upright before God.
- (c) Write one thing that can help you live a blameless life before God.
- ❖ Being prayerful.
 - ❖ Reading the Bible always.
 - ❖ Being far from peer groups.
 - ❖ Worshiping God always.
 - ❖ Reporting and confessing sins.
 - ❖ Engaging in good leisure activities.
 - ❖ By seeking God's guidance through prayer.

OR:

"Allah said to him, Behold Ayub is a devoted servant of Ours, and he is one of the righteous. He said, 'My Lord! Because you have favoured him over me, I will surely tempt him and his family to disobey You.' Allah said, 'Fear not, for Ayub is a faithful servant of Mine and he will not disobey Me. He is one of the righteous.'" (Qur'an: 15:84-85)

- (a) Who was Allah talking to in the above quotation?
 - ❖ Satan / The devil
 - (b) Mention any two important lessons you can take from the above quotation.
 - ❖ Always to be blameless before Allah.
 - ❖ To fear Allah.
 - ❖ To do away from evil.
 - ❖ To always be truthful and upright before Allah.
 - (c) Write one thing that can help you live a blameless life before Allah.
 - ❖ Being prayerful.
 - ❖ Reading the Koran always.
 - ❖ Being far from peer groups.
 - ❖ Worshiping Allah always.
 - ❖ Repenting sins.
 - ❖ Engaging in good leisure activities.
 - ❖ By seeking Allah's guidance through prayer.
5. FOR BOTH CANDIDATES TO ATTEMPT:
- a) Give any one reason why both Islam and Christianity discourage believers from worshiping idols.
 - ❖ It is against God's laws.
 - ❖ It leads to human sacrifice.
 - ❖ It doesn't please God.
 - ❖ There is no eternal life in worshiping idols.
 - ❖ The Bible and Koran condemn it.
 - b) Apart from worshiping idols mention any two other ATR practices discouraged by both Islam and Christianity.
 - ❖ Human sacrifice.
 - ❖ Appeasing the dead.
 - ❖ Seeking blessings from the dead.
 - ❖ Offering food and drinks to the dead.
 - c) Write any one reason why some people worship idols instead of the creator.
 - ❖ Desire for material gains.
 - ❖ Failure to understand scriptures.
 - ❖ Due to delayed prayer requests.
 - ❖ Lack of trust in God the Creator.

SECTION A: 40 MARKS

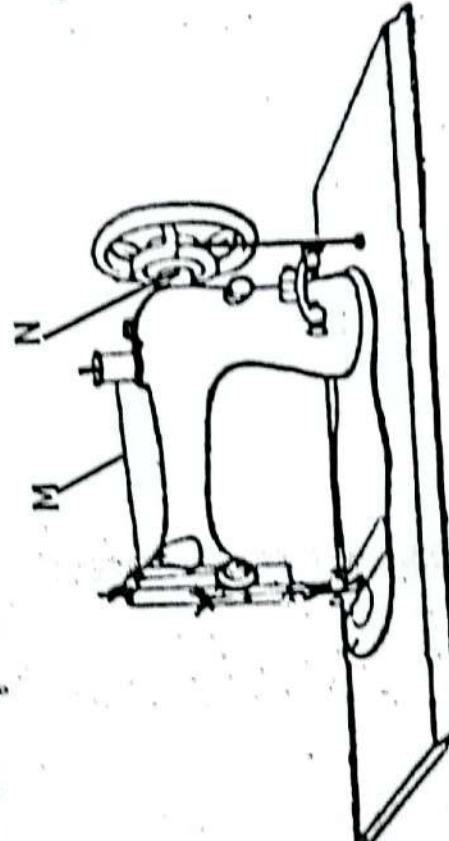
1. Name the breeding ground for silkworm flies.
 - ✓ Fast flowing water / reject water where larvae breed.
2. Give any one factor that increases the rate of transpiration in plants.
 - ✓ High humidity.
 - ✓ Large surface area of the leaf.
3. Give any one example of a biological change that enables animals to get more fruiting.
 - ✓ Germination
4. State the reason why a casualty who has nose bleeding is advised to breathe through the mouth.
 - ✓ To reduce the pressure of blood from the nose.
5. Give any one way in which you can identify a child suffering from measles on a farm.
 - ✓ Swollen under and behind the ears.
 - ✓ Blood-stained milk.
6. Name the pair of muscles in the human skeleton that work together while opposing each other.
 - ✓ Biceps and triceps
7. Mention any one way of conserving fish in the environment.
 - ✓ Restocking over-fished water bodies.
 - ✓ Protecting water bodies from pollution.
 - ✓ Using safe methods of fishing.
 - ✓ Practising aquaculture.
 - ✓ Building aquariums, ponds.
 - ✓ Controlling siltation.

(Reject: sun drying, freezing, refrigerating, smoking, salting)

NOTE: -Conserving fish means protecting fish from danger and ensuring its long life.

-Preserving fish means keeping fish safe for a long time without going bad.
8. State any one way of identifying a child suffering from measles.
 - ✓ Skin rash.
 - ✓ Sore mouth.
 - ✓ Red eyes.
9. Give any one birth control method that prevents sperms from reaching the fallopian tubes.
 - ✓ Tubal ligation
 - ✓ Using diaphragm
 - ✓ Vasectomy

10. State any **one** step that can be used when preparing Oral Rehydration Solution (ORS) from factory made packets.
1. Wash your hands, wring clean water and soap.
 2. Measure one litre of drinking water into a clean container.
 3. Clean the sachet of oral rehydration salts and empty it into the water.
 4. Stir the mixture well and give the solution to the patient.
11. Give any **one** way in which heat affects solids.
- ✓ Makes solids to expand. ✓ Makes solids to sublime.
 - ✓ Makes solids to melt. ✓ Makes solids to shrink.
 - ✓ Increases the temperature of solids. ✓ Reduces the volume of solids.
- The diagram below shows a cock. Study and use it to answer questions 12 and 13.
-
12. Name the part of the cock marked K.
- ✓ wattle
13. Which structures on the caterpillar perform a similar function as part of the cock marked L?
- ✓ Prickly hair / prickly hair (poison hair or setae)
14. State any **one** danger of hanging clothes under direct sunshine for a long time to dry.
- ✓ Clothes can easily fade if colour.
 - ✓ Makes it hard to remove creases from clothes when ironing.
15. Mention any **one** way in which domestic animals can contribute to the spread of diseases to people at home.
- ✓ They harbour vectors like ticks.
 - ✓ Rabid dogs spread rabies through bites.
 - ✓ Domestic animals contain inate food or utensils.
16. How can water contamination be prevented when digging a pit latrine in the community?
- ✓ By digging the pit latrine at least 30 metres away from the water source.
17. Give any **one** way in which coal can be used as a resource.
- ✓ Coal is burnt to produce heat energy.
 - ✓ Coal is used to make tar or surfacing the road.
 - ✓ Coal is used as fuel in steam engines.
 - ✓ Coal is used to generate thermal energy.
 - ✓ Coal is used in blast furnaces to melt iron.
18. State the property that makes a ferry to float on a lake yet it is made of heavy metals.
- ✓ A ferry displaces the amount of water equal to its weight.
- (Topic: A ferry is less dense than water)*

19. Apart from nectar, mention any **one** other substance collected by worker bees in the environment.
 Water pollen propolis
20. State any **one** way in which people use dried slices of pounded cassava tubers at home.
 For making cassava bread. For making local beer (Kwet).
 For making porridge.
21. A part from mode of feeding, state any **one** other feature that can be used when classifying birds.
 The nature of the feet
 The mode of movement
22. How does a sweet potato plant obtain food when all its leaves have fallen off?
 From its root tubers / roots
- The diagram below shows a machine commonly found in the community. Study it to answer questions 23 and 24.
- 
23. Name any **one** animal fibre that can be used to make the material marked N.
 Silk Wool
 Mohair Fur
24. State any **one** way in which friction can be minimized in part marked N.
 Lubrication Oiling
25. State any **one** sign of vitamin D deficiency in a child.
 Bow shaped legs
 Brittle bones and teeth
26. Name any **one** part of the human ear that is not involved in the process of hearing.
 Semi-circular canals/eustachian tube.
27. State any **one** role played by an individual in promoting health.
 Regular brushing of teeth.
 Grooming hair
 Washing clothes and beddings regularly
 Cutting finger and toe nails short

28. State any **one** factor that affects the working of inclined planes.
 ✓ Force of gravity.
 ✓ Friction
 ✓ Height of the load.
 ✓ Length of the slope.
29. Apart from collecting cut grass, give any **one** other way in which a rake is useful during land preparation.
 ✓ It is used for levelling soil.
30. State any **one** way in which you can tell that casualty has simple fracture.
 ✓ Swelling of the injured limb.
 ✓ Internal bleeding
 ✓ Pain at the injured part.
 ✓ The broken bone remain inside

The diagram below shows ill health on the teeth. Study and use it to answer Questions 31 and 32.



31. Name the substance marked D.
 ✓ Dental cavity//dental car /cavity/cary (Pestil... holes)
32. State **one** characteristic of the above type of teeth that makes them suitable for crushing food.
 ✓ They have ridges/ rough surfaces / broad surfaces / cusps.
33. In which **one** way are the iron keepers useful in the storage of magnets?
 ✓ They keep the magnetic cycle complete.
34. Write down any **one** component of sweat.
 ✓ Urea
 ✓ Lactic acid
 ✓ Excess salts
35. Apart from reducing the speed of flowing water, give any **one** other way in which mulches help to control soil erosion in a tree garden.
 ✓ Mulches trap soil particles from flowing with water.
36. State any **one** way of controlling bacterial diseases.
 ✓ Proper covering of food.
 ✓ Use of antiseptics.
 ✓ Use of antibiotics e.g. Syups
 ✓ Use of disinfectants.
37. ✓ Sterilize medical equipment
 ✓ Drink boiled water
 ✓ Drink boiled milk
 ✓ Pasteurize milk

The diagram below shows a feeding bottle. Study and use it to answer questions 3 and 38.



37. Name the part marked G.
✓ Nipple / Teat
38. State any **one** condition under which the mother can feed the baby using the bottle above.
✓ When the mother is HIV positive.
✓ When the mother has little milk in the breast.
✓ When the mother is critically sick.
✓ When the mother is suffering from breast cancer.
39. Give any **one** way in which sunshine supports the life of plants.
✓ Provides sunlight for plants to make food
✓ Provides warmth needed for seed germination.
✓ Sunlight enables plants to carry out transpiration.
40. Give any **one** way in which essential drugs help to meet people's health needs.
✓ They cure diseases
✓ They treat diseases
✓ They prevent unwanted pregnancies
✓ They reduce pain
✓ They treat immunizable diseases.

SECTION B: 60 MARKS

41. (a) Write any **two** sources of natural materials used in basic technology.
✓ Banana plantation // swamps // forests // animals // plants // rock
✓ Sisal plantation (reject industries / factories.)
- (b) Give any **two** features used to identify materials used in basic technology.
✓ Texture // size // colour // weight.
42. Chloe wanted to demonstrate an experiment about soil. She carried out the following steps.
- Put the transparent glass on the table.
 - Poured water into the glass.
 - Lowered a lump of soil into the water.
- (a) State what Chloe observed after lowering the lump of soil into the water.
✓ Air bubbles // bubbles

- (b) What is the importance of the following materials that Chloe used in her experiment above?
- (i) Water:
 - ✓ Enables the soil to produce air bubbles.
 - (ii) Transparent glass:
 - ✓ Enables one to see the air bubbles from the soil clearly.
- (c) According to the above steps, why did Chloe carryout the above experiment?
 - ✓ To show that soil contains air.
13. The diagram below shows the method of seed dispersal in bean seeds. Study and use it to answer the questions that follow.
-
- (a) Identify the method of seed dispersal shown in the diagram above.
 - ✓ Self dispersal // explosive mechanism.
- (b) State any **one** factor that makes the structure marked P to split during seed dispersal.
 - ✓ Long exposure to sun heat
 - ✓ Maturity of the pods
 - ✓ Presence of the lines of weakness on the walls of pods.
- (c) Name any **two** other plants whose seeds are dispersed as the bean seeds above.
 - ✓ Castor oil plants // pea plants // soya bean plants//kale plants.
4. (a) State any **two** ways in which poor sanitation affects the health of people in the community.
 - ✓ It leads to easy spread of diarrhoeal diseases.
 - ✓ It leads to water and air pollution.
 - ✓ It leads to contamination of food by houseflies.
 - ✓ It encourages the breeding of vectors and germs
- (b) Give any **one** way in which rubbish can be properly disposed at school.
 - ✓ Burning rubbish // Dumping rubbish in dustbins // Burying rubbish.
- (c) Name any **one** organism that prevents the septic tank from filling up quickly with faeces.
 - ✓ Bacteria//maggots.

45. (a) What is meant by the term malnutrition?
✓ Malnutrition is the state of poor health caused by insufficient food nutrients in the body. OR
✓ Malnutrition is a condition which prevents the body from absorbing or using nutrients properly.
- (b) State any two factors that can lead to malnutrition in children.
✓ Tapeworm infestation// food insecurity// improper breast feeding
✓ Improper weaning// health conditions like diarrhoea // food taboos
✓ Poverty// natural disasters like floods and drought
✓ Chronic illness which leads to loss of appetite.
- (c) Mention any one method of preserving food that does not require heat.
✓ Freezing// refrigeration// ice glazing// pickling// salting// use of food preservatives.

46. The diagrams below show animals that are non-vertebrates. Study and use them to answer the questions that follow.



W



X



Y

Z

(a) To which group of arthropods do animals marked X and Z belong?

(i) X Myriapods.

(ii) Z Arachnids.

(b) Give any one reason why animal marked W is different from animal marked Y.

✓ Animal marked W has a soft body while animal marked Y has a hard crusty body.

✓ Animal marked W breathes through its moist skin while animal marked Y breathes through gills.

✓ Animal marked W has a hydrostatic skeleton while animal marked Y has an exoskeleton.

✓ Animal marked W has no legs while animal marked Y has jointed legs.

✓ Animal marked W does not moult to grow while animal marked Y moults to grow.

(c) Identify any one animal belonging to the group that helps to

(a) Mention any two ways in which a crop farmer can identify crops affected by diseases.

- ✓ Holes in leaves, fruits, seeds, roots and stems.
- ✓ Deformed plant parts
- ✓ Wilting of crops
- ✓ Poor growth
- ✓ Spots on leaves and fruits
- ✓ Rotten plant parts

(b) Which crop pest transmits mosaic virus to cassava plants?

- ✓ White fly / white flies.

(c) State any one non-cost measure that a crop farmer can use to control crop pests in the garden.

- ✓ Practising crop rotation.
- ✓ Regular weeding.
- ✓ Pruning crops.
- ✓ Use of mouse traps.
- ✓ Use of clean planting materials.
- ✓ Hanging scare crows in the garden.

(a) Name any two parts on a house that aid in air circulation.

- ✓ doors // windows // Aventilators // louvers.

(b) Which method of heat transfer aids in air circulation in a house?

- ✓ Heat transfer by convection/convection.

(c) State the importance of a chimney on a factory.

- ✓ It lets out smoke.

(a) Identify any one non-diarrhoeal disease that affects the digestive system.

- ✓ peptic ulcers
- ✓ liver abscess
- ✓ appendicitis
- ✓ liver cirrhosis
- ✓ liver cancer

(b) State any two health habits that affect the proper functioning of the digestive system.

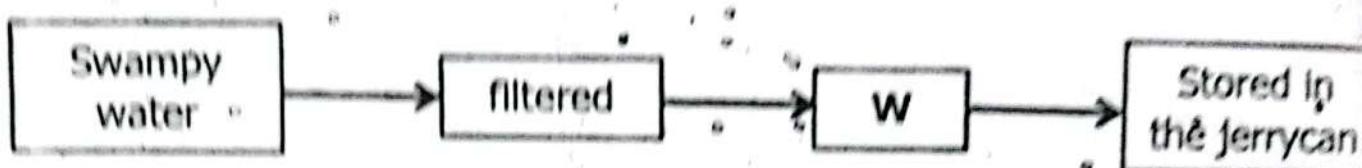
- ✓ Poor feeding
- ✓ Improper chewing of food
- ✓ Alcohol consumption
- ✓ Eating contaminated food
- ✓ Irregular meals
- ✓ Tobacco smoking
- ✓ Drinking unboiled water
- ✓ Eating too much food
- ✓ Eating uncooked meat
- ✓ Failure to do regular exercise

(c) State any one role of the tongue during digestion of food.

- ✓ It rolls food into a bolus for easy swallowing
- ✓ It mixes food with saliva / it pushes food to the gullet during swallowing

50.

The diagram below shows a simple demonstration of a water purification system. Study and use it to answer the questions that follow.



- (a) Name any **one** activity that can be done to water at point **W**.
- ✓ Boiling//chlorination//fluoridation//treating water using recommended chemicals.
- (b) Why is swampy water filtered before being taken at point **W**?
- ✓ To remove dirt from water
 - ✓ To make water clear
- (c) State the importance of passing water through point **W**.
- ✓ It helps to kill germs in water.
- (d) Mention any **one** other activity that can be done to swampy water before being taken to point **W**.
- ✓ Decanting (Reject filtering/decantation)

51.

- (a) What term is used to mean the amount of material in a given volume of a substance?
- ✓ density

- (b) The amount of material in a given volume of a substance is 4g/cc occupying the amount of space of 10cc. calculate the quantity of matter in that substance. (03 Marks)

$$\text{Mass} = \text{density} \times \text{volume}$$

$$= 4\text{g/cc} \times 10\text{cc}$$

$$= 4\text{g} \times 10\text{cc}$$

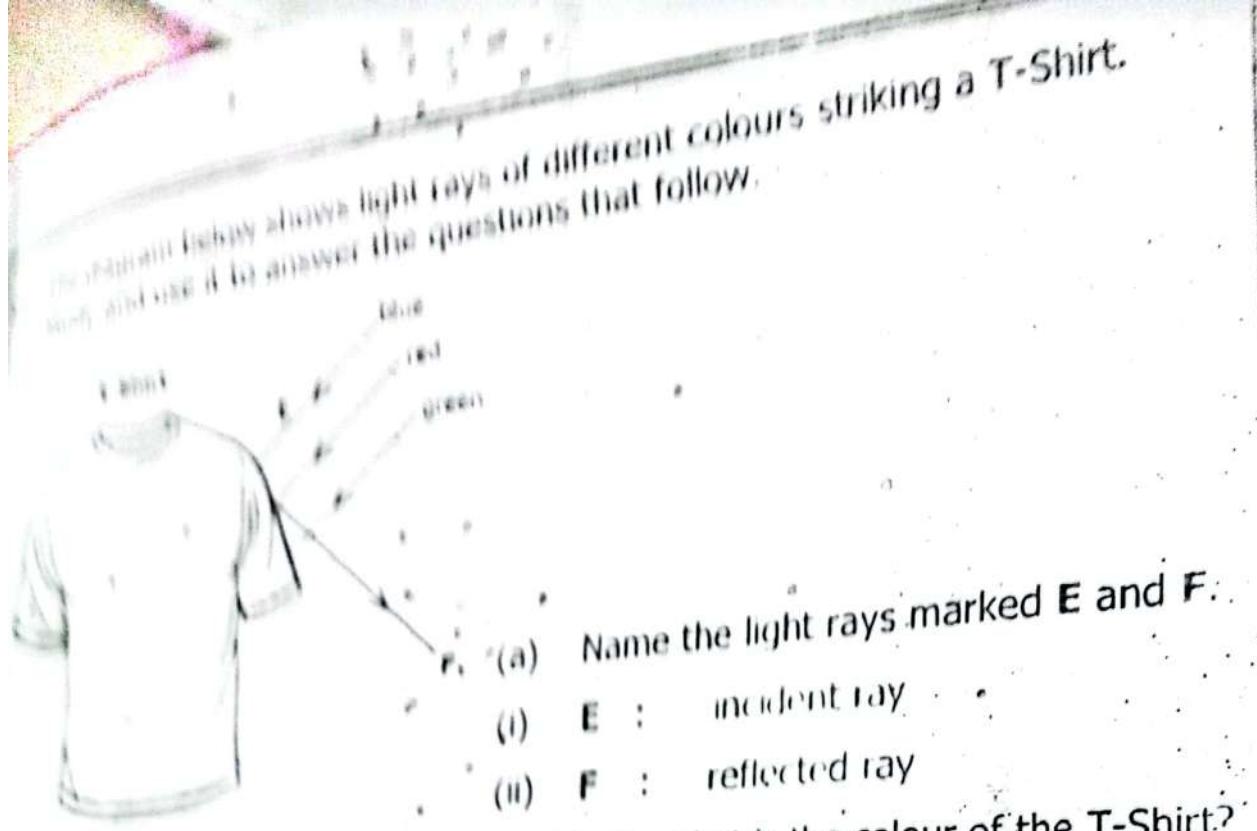
$$\text{cc}$$

= 40g The quantity of matter in that substance is 40g

52. (a) Write any **two** things that Intestinal worms obtain from the human body.
- ✓ digested food // blood // shelter

- (b) State any **two** ways in which Intestinal worms affect the health of a child.

- ✓ They cause malnutrition
- ✓ They cause anaemia
- ✓ They cause itching of the anus
- ✓ They cause pain in the stomach
- ✓ They make the child's body weak



(a) Name the light rays marked E and F.

- (i) E : incident ray
- (ii) F : reflected ray

(b) By observing the diagram above critically, what is the colour of the T-Shirt?

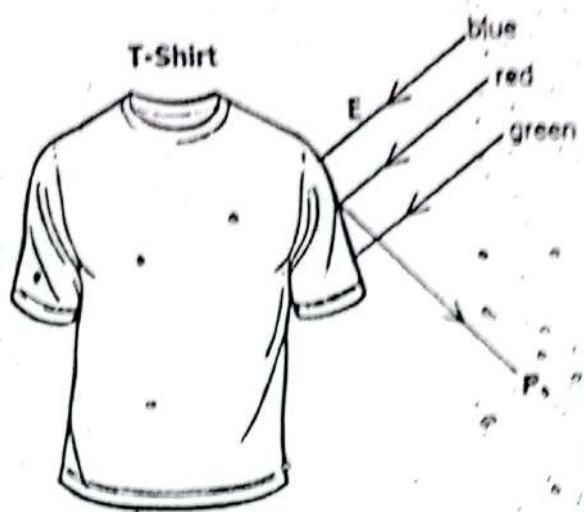
- (i) Give a reason to defend your response in (b) above.
The T-Shirt has absorbed all other colours and reflected only red.
- (ii) Write any two diseases that an individual can contract due to lack of clean water for promoting personal hygiene.
Roundworm infection // scabies // impetigo // athlete's foot
(Mnemonic: SARI)
- (iii) Give any two ways in which an individual can protect him/herself from diseases caused by lack of clean water.
Regular bathing. ✓ Ironing clothes and bedding
Regular washing of clothes. ✓ Early treatment.
Avoid sharing clothes, towels, Bedding and combs.

A boy wanted to know if air moves things. He made a kite using the following materials.

- A sheet of paper, two sticks, short strings and a long string.
- Write four steps that the boy used to make a kite to show that air moves things.
- 1. He tied two sticks crossing each other using short strings.
 - 2. He placed a sheet of paper on the sticks and tied it.
 - 3. He tied a long string at the point where short strings meet.
 - 4. He ran while holding the farthest end of the string which made the kite to move upwards in the sky.

END

3. The diagram below shows light rays of different colours striking a T-Shirt. Study and use it to answer the questions that follow.



- P. (a) Name the light rays marked E and F.
- (i) E : incident ray
 - (ii) F : reflected ray
- (b) By observing the diagram above critically, what is the colour of the T-Shirt?
✓ red
- (c) Give a reason to defend your response in (b) above.
✓ The T-Shirt has absorbed all other colours and reflected only red.
- (a) Write any **two** diseases that an individual can contract due to lack of clean water for promoting personal hygiene.
✓ Ringworm infection // scabies // impetigo // athlete's foot
(Mnemonic: SAR1)
- (b) Give any **two** ways in which an individual can protect him/herself from diseases caused by lack of clean water.
✓ Regular bathing. ✓ Ironing clothes and bedding
✓ Regular washing of clothes. ✓ Early treatment.
✓ Avoid sharing clothes, towels, bedding and combs.

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