

## **SECTION A: 40 MARKS**

Questions **1** to **40** carry **one mark** each.

1. Name the type of rainfall received in the plain areas of Uganda.

.....

2. State **one** advantage of a music festival in a community.

.....

3. Name the most common type of transport used in Uganda.

.....

4. Who were the first group of foreigners to come to Uganda?

.....

5. Name any **one** type of grassland that covers a large portion of Africa.

.....

6. Why should children greet visitors at home?

.....

7. How did the people of Kenya struggle to get independence?

.....

.....

8. How can a market help people to meet their needs?

.....

.....

9. Why is Arusha an important town to the East African countries?

.....

10. Give any **one** reason why the United Nations Organisation sends peace

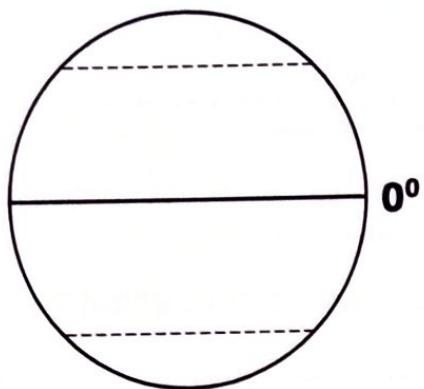
keeping missions to war torn areas

.....

.....



The diagram below shows the globe. Use it to answer question 11.



11. Name the latitude marked **0°**.

.....

12. Give the type of weather suitable for maize harvesting period.

.....

13. State any **one** resource we get from water bodies.

.....

14. Give any **one** reason why places that have many economic activities attract a high population.

.....

15. Why are warm ocean currents important to the areas along the coast of Africa?

.....

16. How did the early explorers promote the work of European traders in Africa?

.....

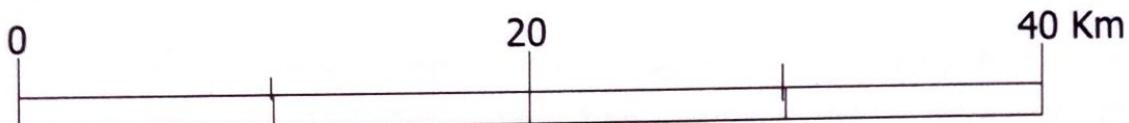
.....

17. How does a good road network promote development in an area?

.....

.....

18. How is the symbol shown below useful to a map?



19. State the importance of Kainji Dam to people of Nigeria.

20. Why is a sign post important?

21. State the major crop grown in the High Velds of South Africa.

22. Mention **one** type of tax directly paid by civil servants in Uganda today.

23. Give any **one** factor that brings about differences in the vegetation distribution in mountainous regions.

24. Apart from controlling soil erosion, give any **one** other reason why a school compound should have vegetation cover.

25. Why is pastoralism **not** highly developed among the nomadic communities in Africa?

26. Mention any **one** way through which the government of Uganda is able to find out the problems affecting its people.
- .....

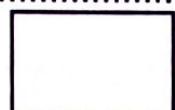
27. State any **one** social challenge that has been caused by thick forests in the Democratic Republic of Congo.
- .....
- .....

28. State any **one** way in which the use of biogas leads to conservation of natural vegetation.
- .....
- .....

29. Give any **one** economic result of the movement of the Boers to the interior of South Africa.
- .....
- .....

30. Give any **one** reason why a country should maintain peace and security.
- .....
- .....

31. Mention any **one** desert found in Africa.
- .....



32. Give any **one** way in which the finding of the sea route to India benefitted the Portuguese.
- .....

33. State any **one** problem that has made plantation farming difficult in rural areas of Uganda.
- .....
- .....

34. Which mountain forms a natural boundary between Rwanda and Uganda?

.....

35. Mention any **one** duty of a veterinary officer in our community.

.....

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

36. **EITHER:**

Give **one** benefit of helping the needy.

.....

**OR:**

Give **one** benefit of giving zakat.

.....

37. **EITHER:**

How did God test Abraham's faith?

.....

**OR:**

How did Allah test Ibrahim's faith?

.....

38. **EITHER:**

Why should a Christian couple go for HIV testing before marriage?

.....

**OR:**

Why should a Muslim couple go for HIV testing before marriage?

.....

**39. EITHER:**

Write down **one** bad habit that a Christian may show while others are praying.

.....

**OR:**

Write down **one** bad habit that a Muslim may show while others are praying.

.....

**40. EITHER:**

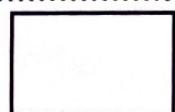
Who was the mother of Ismael according to the Holy Bible?

.....

**OR:**

Who was the mother of Ismail according to the Holy Qur'an?

.....



**SECTION B: 60 MARKS**

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

41. (a) Mention any **two** member states of the Inter-Governmental Authority on Development (IGAD) apart from Kenya and Uganda.

(i) .....

(ii) .....

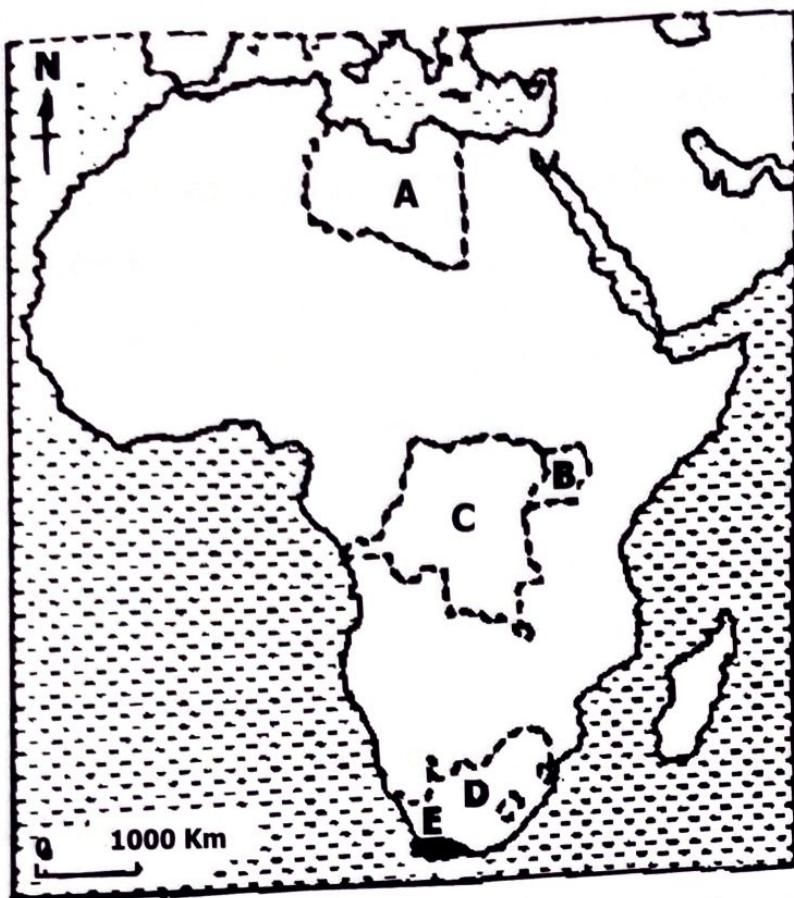
- (b) Give any **two** reasons why IGAD was formed.

(i) .....

.....

(ii) .....

42. Study the sketch map of Africa below and answer the questions that follow.



(a) Name the countries marked;

**A:** .....

**D:** .....

(b) What advantage does country marked **C** have over country marked **B** in terms of location?  
.....

(c) Which climatic region of Africa is found in the shaded area marked **E**?  
.....

43. (a) Mention any **two** reasons why the bank of Uganda is important to the government.

(i) .....

.....

(ii) .....

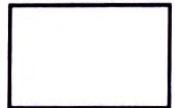
(b) Give any **two** ways in which a person benefits from keeping money in a bank.

(i) .....

.....

(ii) .....

.....



44. (a) Name the colonial power that ruled Tanganyika after the first world war.

(b) Give any **one** way in which industrial growth in Europe contributed to the colonization of Africa.

(c) Mention any **two** challenges Europeans faced in the process of colonizing Africa.

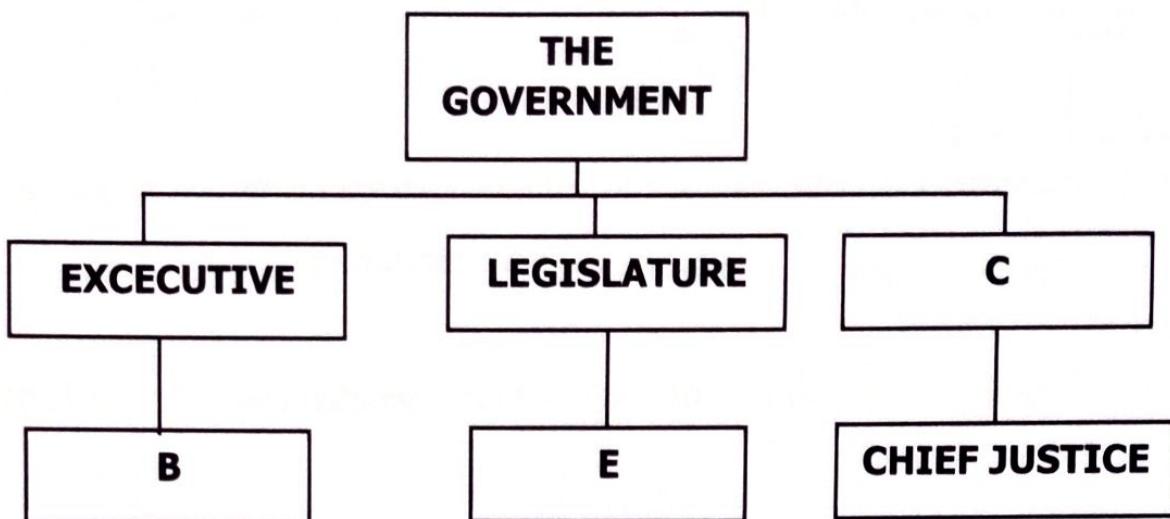
(i) .....

.....

(ii) .....

.....

45. The diagram below shows the organs and titles of heads in each organ of a democratic government. Use it to answer the questions that follow.



- (a) Name the organ of government marked **C**.

.....

- (b) Mention the title of the heads marked;

**B:** .....

**E:** .....

- (c) Apart from the head of the organ, give any **one** other example of people who work under **C**.

.....

46. (a) John exchanged a cock for a bunch of matoke. What system of trade did John practice?

.....

- (b) State any **one** reason why early traders used the system of trade in (a) above.

.....

- (c) State any **one** problem caused by the system in (a) above.

- (d) Which system of trade is practiced by buying and selling of goods using money?
- .....

47. (a) Name any **one** member country of the East African Community (EAC) which was not a founder member in 1967.
- .....

- (b) Give any **two** reasons why the East African Community was formed.

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

- (c) Mention any **one** way in which the people of East Africa have benefited from the EAC today.
- .....

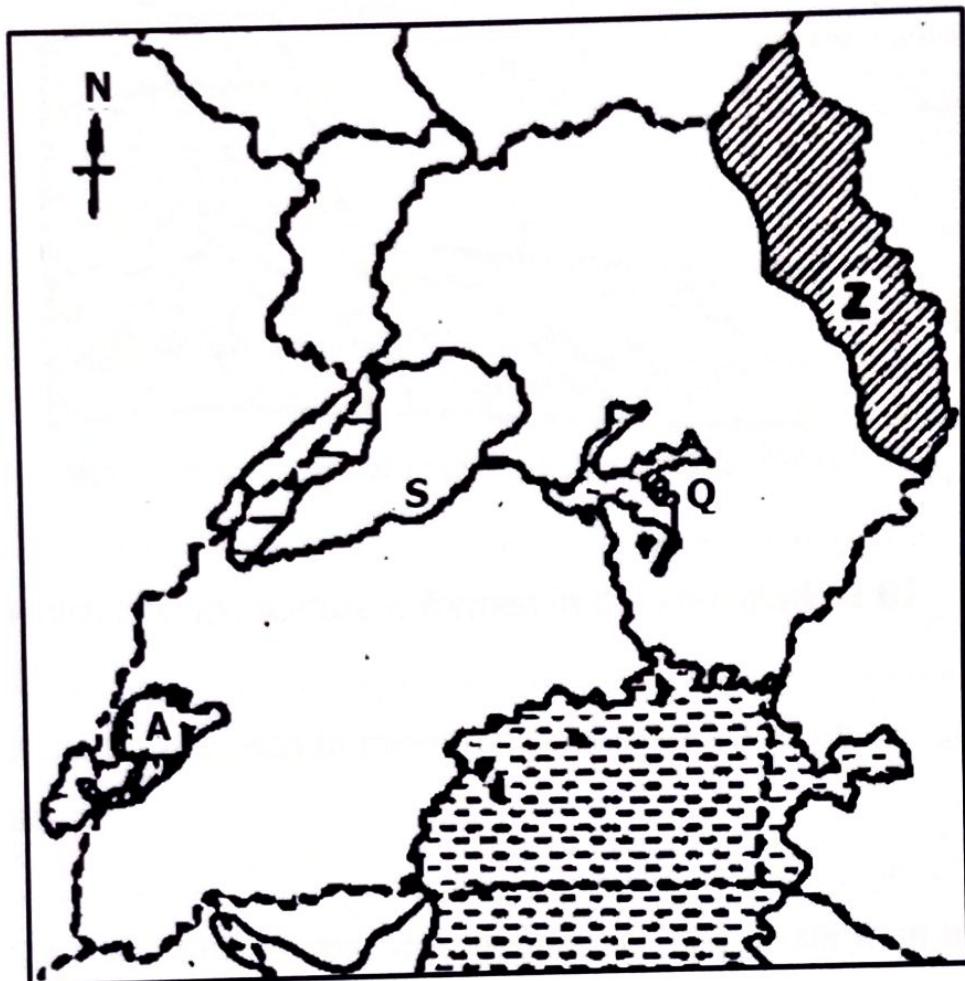
48. (a) Give any **two** ways in which people acquire land in Uganda.

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

- (b) State any **two** causes of land conflicts among people in Uganda today.

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

49. Study the sketch map of Uganda below and then answer the questions that follow.



(a) Name the national game park found in the area marked **A**.

.....

(b) Why is the lake marked **Q** swampy with floating vegetation?

.....

(c) Name the river marked **S**.

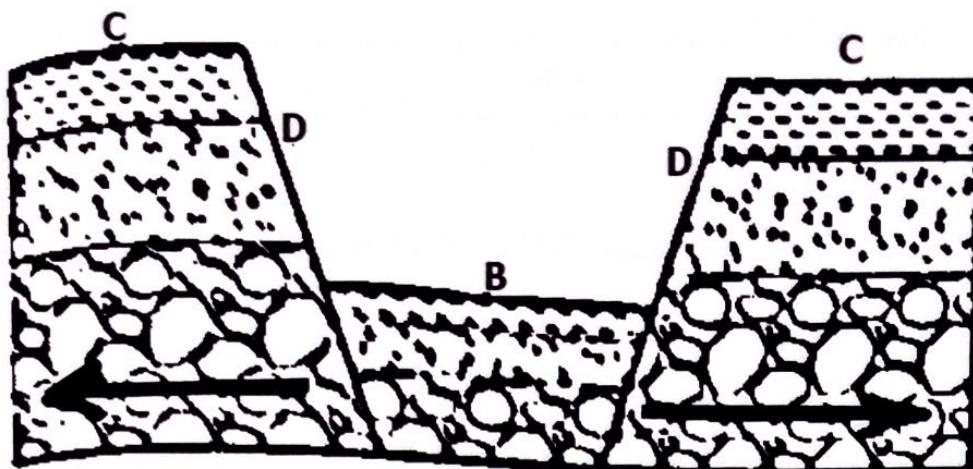
.....

(d) Why does the region marked **Z** experience semi-arid climate?

.....



50. The diagram below shows a formation of a physical feature. Use it to answer the questions that follow.



- (a) Name the process shown with arrows on the diagram.  
.....
- (b) Which physical feature is formed in the area marked **B**?  
.....
- (c) What term is used to mean the slopes marked **D** on the diagram above?  
.....
- (d) State any **one** reason why area marked **C** is cooler than the area marked **B** on the diagram  
.....

In 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) Mention any **one** book which was written by Moses.  
.....
- (b) State any **one** way in which the Bible is different from other books.  
.....

- (c) Mention any **two** ways in which the Bible is important to Christians.

(i) .....

(ii) .....

**OR:**

- (a) Mention the Holy book in Islam which was received by prophet Musa.

.....

- (b) State any **one** way in which the Qur'an is different from other books.

.....

- (c) Mention any **two** ways in which the Qur'an is important to Muslims.

(i) .....

(ii) .....

**52. EITHER:**

- (a) Mention any **two** groups of church leaders who conduct marriages.

(i) .....

(ii) .....

- (b) Give any **two** ways in which Christian marriages have promoted morals among Christians.

(i) .....

(ii) .....

**OR:**

- (a) Mention any **two** groups of Muslim leaders who conduct marriages.

(i) .....

(ii) .....

- (b) Give any **two** ways in which marriages have promoted morals among Muslims.
- (i) .....
- (ii) .....

**53. EITHER:**

- (a) Write down any **two** ways in which Christians prepare themselves for the Christmas day.
- (i) .....
- (ii) .....
- (b) Mention any **two** ways in which Christians share the joy of Christmas with other people.
- (i) .....
- (ii) .....

**OR:**

- (a) Write down any **two** ways in which Muslims prepare themselves for Idd-el-fitr.
- (i) .....
- (ii) .....
- (b) Mention any **two** ways in which Muslims share the joy of Idd-el-fitr with other people.
- (i) .....
- (ii) .....

**54. EITHER:**

- (a) Mention any **two** roles that were played by the prophets in Christianity.
- (i) .....
- (ii) .....

(b) State any **two** ways in which prophets changed the lives of people.

(i) .....

(ii) .....

**OR:**

(a) Mention any **two** roles that were played by the prophets in Islam.

(i) .....

(ii) .....

(b) State any **two** ways in which prophets changed the lives of people.

(i) .....

(ii) .....

**55. EITHER:**

(a) Where will sinners go on the day of Judgement?

.....

(b) State any **three** ways in which Christians should prepare for the day of Judgement.

(i) .....

(ii) .....

(iii) .....

**OR:**

(a) Where will sinners go on the day of judgement?

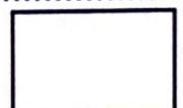
.....

(b) State any **three** ways in which Muslims should prepare for the day of Judgement.

(i) .....

(ii) .....

(iii) .....



## **SECTION A: 50 MARKS**

### **Sub-Section I**

Questions **1** to **50** carry one mark each.

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

1. Uganda gained independence ..... 1962.
2. The skilful ..... has varnished the piece of furniture he made yesterday.
3. ..... narrow the road to Akapu Village is!
4. Bruno is very happy because all the eggs that his hen ..... have hatched.
5. That is the girl ..... mother is our PE teacher.

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

6. Most urban areas are ..... populated. (dense)
7. When the thief saw the policeman, he ..... in the bush. (hide)
8. Andrina's little sister will do the homework by ..... (self)
9. One should always ask for ..... if one makes a mistake. (forgive)
10. Who is the ..... of the twins? (smart)



11. Reading a storybook is more ..... than writing an article. (enjoy)
12. Mr. Mugisha was given a prize for being the best ..... in the village. (farm)

13. Chelimo's father held the baby ..... in his arms.  
(gentle)
14. The class teacher punished the pupil for ..... her  
classmate during the meeting. (shame)
15. Our teachers do not like children who are .....  
(quarrel)

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

16. Honourable .....
17. would not .....

For questions **18** and **19**, rearrange the given words to form a **correct sentence**.

18. marriages avoid should We early.

.....

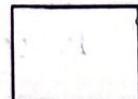
19. bake Do cakes know you to how?

.....

For questions **20** and **21**, arrange the given words in **alphabetical order**.

20. potato, yam, rice, millet

.....



21. chalkboard, cupboard, cup, chalk

.....

For questions **22** to **24**, rewrite the sentences giving **one word** for the **underlined** group of words.

22. Ann Mary's mother hates people who tell lies.

.....

23. Our school is not far from the police post.

.....

24. Some of our classmates are from Kenya.

.....

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

25. root .....

.....

26. route .....

.....

In each of the questions **27** and **28**, give the **plural** form of the given word.

27. goose .....

28. ferry .....

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

29. Brenda walked downstairs to collect her clothes.

.....

.....

30. The cyclist who intentionally knocked down the traffic officer has appeared in court.

.....

.....



## Sub-Section II

In each of the questions **31** to **50**, rewrite the sentences as instructed in brackets.

31. Namuyisa likes weaving more than knitting. (Rewrite the sentence using: ..... prefers .....)

.....  
.....

32. My uncle went to hospital. He wanted to see a dentist. (Rewrite as one sentence using: ..... in order to .....)

.....  
.....

33. Disobeying our teachers is bad. (Rewrite the sentence beginning: It .....)

.....

34. We started learning English seven years ago. We are still learning it. (Rewrite as one sentence using: ..... for .....)

.....

35. The boys cleaned the well. The girls cleaned the well. (Rewrite as one sentence using: ..... and so .....)

.....  
.....

36. The teacher will not travel to Kampala next week. The school nurse will not travel to Kampala next week. (Rewrite as one sentence beginning: Neither .....)

.....  
.....

37. This pair of scissors is so blunt that it cannot cut a piece of cotton cloth. (Rewrite the sentence using: ..... too ..... to .....)

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

38. Amina is very beautiful. Jane is very beautiful. (Rewrite as **one** sentence using: ..... as ..... as .....)

.....

39. An old man is taking care of the goats. (Rewrite the sentence beginning: The goats .....

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

40. Our teachers always remind us to wash our hands before eating. (Rewrite the sentence using: ..... after .....)

.....  
.....



41. We should go to school early, or else the teacher will punish us. (Rewrite the sentence using: ..... if .....

.....  
.....

42. Mrs. Oda fed her hens very well. They did not give her many eggs. (Rewrite as **one** sentence beginning: Although .....

.....  
.....

43. Whose cute baby is that one? (Rewrite the sentence beginning: To .....

.....

44. Schola read the magazine. Schola read the newspaper. (Rewrite as **one** sentence using: ..... not only .....)

.....  
.....

45. What a serious disease Ebola is! (Rewrite the sentence using:  
..... very .....)

.....

46. Mother will go to the market. She will buy some fresh beans. (Rewrite as **one** sentence using: ..... when .....)

.....  
.....

47. Matayo visited his grandparents last holiday, didn't he? (Rewrite the sentence beginning: Matayo didn't .....)

.....  
.....

48. "Are you a prefect in your school?" the visitor asked me. (Rewrite the sentence using: ..... wanted to know .....)

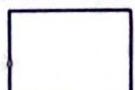
.....  
.....

49. Mula has not been studying. He has been playing football. (Rewrite as **one** sentence using: ..... instead of .....)

.....  
.....

50. No sooner had the train left the station than more people arrived.  
(Rewrite the sentence beginning: As soon as .....)

.....  
.....



## **SECTION B: 50 MARKS**

Questions 51 to 55 carry ten marks each.

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

Preparations for our school-leavers' party were on. First, we had a meeting. In that meeting, we agreed to hold our party in Tropical Hotel on the last Friday of October. The other agreement was that we would invite all our teachers to the party. We also agreed that each one of us would pay ten thousand shillings to attend.

A few days to the party however, only one pupil called Katana had not paid. Her uncle, with whom she lived, had gone to the village to attend to his sick father. We all felt sorry for her. Katana was a very disciplined and intelligent girl. When she was our head girl, everyone at school liked her. Fortunately, our class monitor came up with an idea. He requested us to raise some money for Katana to attend the party. He also talked to Mrs. Kole, our class teacher, about the issue. Thankfully, she gave us five thousand shillings. We then raised the balance.

On the day of the party, we reached the hotel at midday. Smartly dressed waitresses welcomed us.

"Who's the master of ceremonies of the day?" one of them asked us.

Unfortunately, we had forgotten to identify a master of ceremonies (MC) in our meeting. The class monitor therefore requested Katana to be the MC of the day. We all jumped up and down with excitement. Soon, the waitresses led us to a hall decorated with flowers and balloons. There was soft music playing. Speaking into the microphone, Katana asked us to take our seats. She then read the day's programme and advised us to behave ourselves.

At two o'clock, our lunch was ready. After our teachers had been served, the MC asked us to line up. As usual, some of us had no manners. We did not want to make a line and we poured soup on ourselves. However, at the end of it all, everybody was happy. We thanked the hotel management for their service. In a special way, the class teacher thanked Katana for managing the party well. She also wished us success in our final examinations.

- (a) How much money did each pupil pay to attend the party?

(b) Why was Katana unable to pay for the party?

.....  
.....

(c) What did the class monitor request the pupils to do?

.....  
.....

(d) When was the party held?

.....

(e) Who received the pupils at the hotel?

.....

(f) Why do you think the pupils were excited when Katana was asked to be the MC?

.....  
.....

(g) Why would you think that the hall looked attractive?

.....  
.....

(h) Apart from pouring soup on themselves, in which other way did some of the pupils show lack of manners?

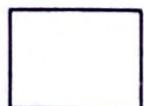
.....  
.....

(i) Why was Katana thanked?

.....  
.....

(j) Suggest a suitable title to the passage.

.....



52.A

The Primary Seven weekly revision timetable below was found at Mt. Ogura Primary School. Study it carefully and then answer in full sentences the questions that follow.

Day	Time	Subject	Pupil in Charge
Mon.	7:30 p.m. - 9:00 p.m.	English	Kutosi Isaac
Tue.	8:00 p.m. - 9:30 p.m.	Mathematics	Wandira Gabby
Thur.	8:00 p.m. - 9:00 p.m.	Social Studies with Religious Education	Kiggundu Tendo
Fri.	7:00 a.m. - 9:00 a.m.	Science	Kutosi Isaac
Sat.	8:00 p.m. - 9:00 p.m.	English	Muyodi Presh

- (a) Where was the above weekly revision timetable found?

.....  
.....

- (b) On which day did the pupils revise Social Studies with Religious Education?

.....  
.....

- (c) How many pupils were in charge of revision that week?

.....  
.....

- (d) Which pupil was in charge of revision on Saturday?

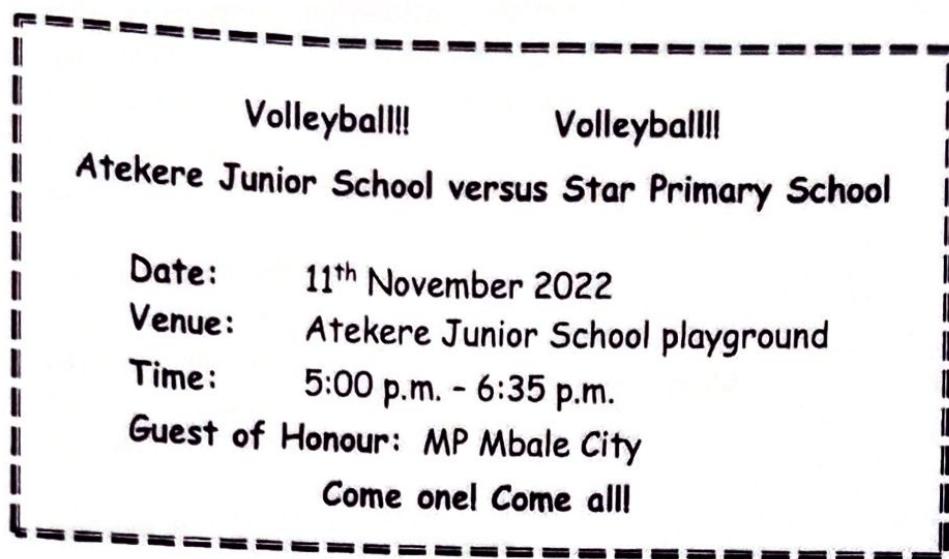
.....  
.....

- (e) For how long did the pupils revise Mathematics that week?

.....  
.....

52.B

The Games and Sports teacher of Atekere Junior School wrote and put the following information on the school notice board. Study it carefully and then answer in **full sentences** the questions that follow.



(a) Who wrote the above information?

.....  
.....

(b) What is the information about?

.....  
.....

(c) Where will the match take place?

.....

(d) At what time will the match begin?

.....

(e) Who is expected to be the guest of honour?

.....

.....



53. Read the poem below carefully and then answer in **full sentences** the questions that follow.

Why misbehave my brother, sister?  
Why fight in class, outside, along the way home?  
Why abuse your friends, teachers?  
Why damage, steal property?  
Why skip classes, lessons?

Any kind of misbehaviour  
Leads you nowhere.  
Nobody will make friends with a thief,  
No one will become a friend of a liar or a bully  
Nor will anyone be happy with a failure.

Behave well brother, sister  
And you will receive blessings  
From parents, neighbours, friends, teachers  
And above all, my dear,  
Blessings from the Creator.

Brother, sister,  
Those you share a class with,  
Are they good or bad?  
Are they guiding or misleading you?  
If bad and misleading, stay away from them.

***Mary Pa Lubanga***

- (a) Who is the speaker addressing in the poem?

.....

.....

- (b) Write any **one** form of misbehaviour, according to the poem.

.....

- (c) Mention **one** person who shouldn't be your friend.

.....

(d) What will a well-behaved child receive from the Creator?

.....

.....

(e) Who should you keep away from in order to be a good child?

.....

.....

(f) Which stanza talks about dangers of misbehaviour?

.....

.....

(g) Who wrote the above poem?

.....

.....

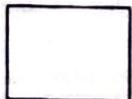
(h) Give a word or group of words with the same meaning as each of the underlined words in the poem.

(i) damage .....

(ii) happy .....

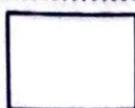
(j) Suggest a suitable title for the poem.

.....

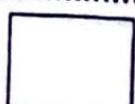


54. The sentences below are **not** in the correct order. Rewrite them in the **correct order** to form a composition about **Road Accidents**.

- (a) When drivers speed, they have little control over their vehicles.
  - (b) If we avoid these human errors and many others, the number of accidents will be reduced.
  - (c) Driving without a permit shows that the driver is not qualified.
  - (d) In Uganda, the number of road accidents has increased.
  - (e) The second type of human error is speeding.
  - (f) This increase is largely because of human errors.
  - (g) The third type of human error is driving without a permit.
  - (h) The first human error is driving after taking alcohol.
  - (i) And many lives will be saved.
  - (j) Alcohol confuses the sight of most drivers.



55. You would like to borrow a dictionary from your school library. Write to the school librarian asking her to lend you one. Tell her that you will use the dictionary until your parents buy one for you at the end of the month. Promise that you will take good care of it. Use **Geno Primary School, PO Box 417, Tindi** as your address.



## SECTION A: 40 MARKS

Questions **1** to **40** carry one mark each.

1. Name the part of a flowering plant which grows into a side branch.

.....

2. State any **one** factor to be considered when selecting a site for keeping honey bees.

.....

3. Give any **one** use of proteins in the human body.

.....

4. Give any **one** way in which evaporation is important in the environment.

.....

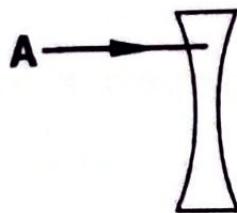
5. Why is it advisable to chew food properly before swallowing it?

.....

6. State any **one** way in which Athlete's foot can be controlled among school children.

.....

The diagram below shows a light ray **A** onto a lens. Use it to answer questions **7** and **8**.



7. Name the type of lens in the diagram above.

.....

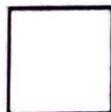
8. Complete the path of ray **A** as it passes through the lens.

9. Give any **one** role a School Health Club can play in the control of malaria in a community.

.....

10. Name the part of a human tooth that contains blood capillaries and nerve endings.

.....



11. State the reason why the volume of water in a container rises when a stone is lowered into it.

.....

12. How does cigarette smoking affect the human lungs?

.....

.....

13. State any **one** element of Primary Health Care (PHC) which is important in the prevention of COVID-19.

.....

14. Why are tomatoes grouped as annual crops?

.....

.....

15. State any **one** way of conserving fossil fuels.

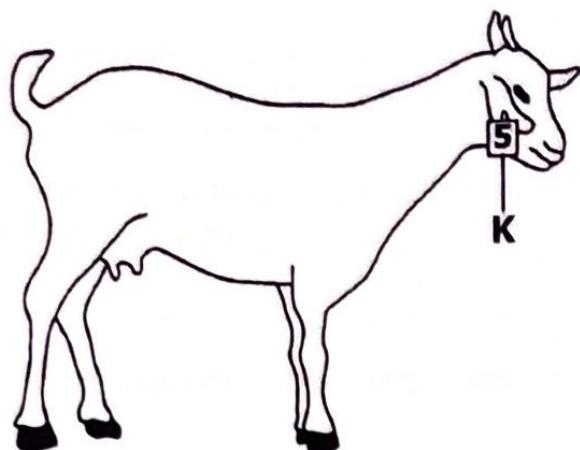
.....

.....

16. Name the vector which spreads river blindness to people.

.....

The diagram below shows one of the management practices in goat rearing.  
Use it to answer questions 17 and 18.



17. Name the management practice shown with letter K.

.....

18. How is the above practice important to a goat farmer?

.....

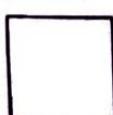
.....

19. Which type of weather favours proper harvesting of beans?

.....

20. Give any one way in which you can reduce chances of accidents when crossing a road.

.....



21. Name any one human body organ protected by the rib cage.

.....

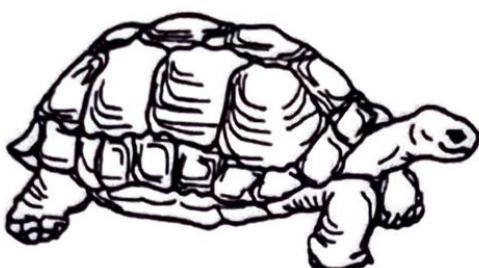
22. Give any one condition that may make an electric bulb fail to produce light in a complete circuit.

.....

23. State any **one** way in which an adolescent can control bad odour that results from body changes.
- .....  
.....

24. Mention any **one** way in which you can prevent some clothes from staining others during washing.
- .....  
.....

Use the diagram of the animal below to answer questions **25** and **26**.



25. Identify the class of vertebrates to which the above animal belongs.
- .....

26. How does the above animal protect itself?
- .....

27. State any **one** way in which the spread of tuberculosis can be controlled.
- .....

28. Mention any **one** way in which food may get contaminated after it has been prepared.
- .....

29. Why does sound travel fastest in solids compared to other states of matter?
- .....  
.....

30. Apart from proper insulation, state any **one** other way of protecting children against electric shock at home.

.....

31. Give any **one** way in which regular physical exercises help to maintain the muscular-skeletal system healthy.

.....

32. Give **one** way in which moulds are similar to ferns.

.....

33. State **one** reason why ash is usually applied around the pit hole of a latrine.

.....

- .....

34. Name **one** excretory product removed by the lungs.

.....

35. Write down any **one** activity that members in a School Science Club can do to conserve the environment.

.....

36. State any **one** way in which echoes can be reduced in a large hall.

.....

37. State **one** way in which water is important during seed germination.

.....

38. How does tapeworm infestation lead to malnutrition in humans?

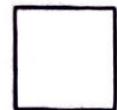
.....

39. Give any **one** way in which drug poisoning can be prevented among children at home.

.....

40. Give any **one** effect of cloud cover in an area.

.....



## **SECTION B: 60 MARKS**

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

**41.** State the type of change that takes place when;

- (a) A knife rusts. ....
- (b) Water freezes. ....
- (c) A fruit ripens. ....
- (d) Salt dissolves in water. ....

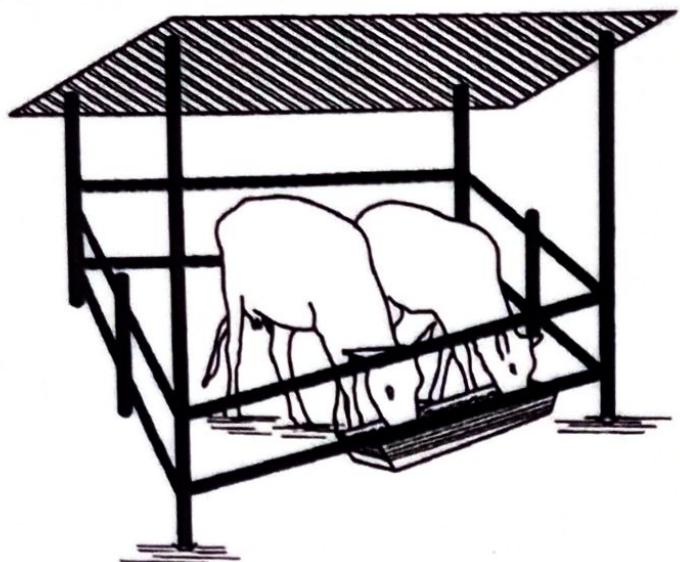
**42. (a)** Give the meaning of the following terms:

- (i) Sanitation. ....  
.....  
.....  
.....
- (ii) Personal hygiene. ....  
.....  
.....  
.....

**(b)** Identify any **two** activities children can do at school to promote good sanitation.

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

43. The diagram below shows a cattle grazing system. Study and use it to answer the questions that follow.



(a) Name the cattle grazing system shown above.

.....

(b) What type of natural manure can be got from the above system?

.....

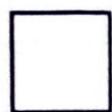
(c) Apart from easy collection of manure, state any **two** advantages of the above cattle grazing system.

(i) .....

.....

(ii) .....

.....



44. (a) To which class of levers does a see-saw belong?

- (b) Two pupils, Okello and Jjuuko sat on a see-saw. Okello who weighs 40 kg sat 2.5 metres away from the pivot on one side of the see-saw. Jjuuko sat 4 meters away from the pivot on the other side. Find the mass of Jjuuko if the see-saw was balanced.  
*(03 marks)*

45. (a) Name the largest vein in the human body.

- (b) Name the type of blood that is transported by the pulmonary artery.

- (c) State **one** characteristic of arteries that enables them to carry blood at high pressure.

- (d) Give **one** way in which the structure of capillaries enables them to exchange body materials.

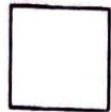
46. (a) Name the group of worms to which the following belong;

- (i) Liver flukes. ....  
(ii) Hookworms. ....

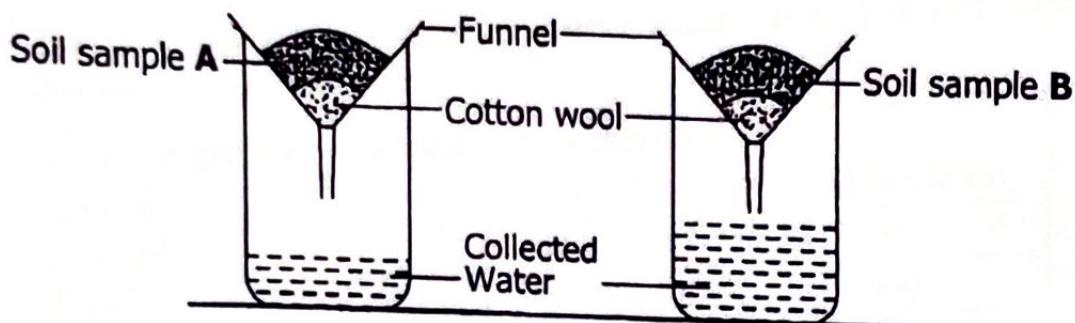
- (b) Apart from improving soil aeration, identify any other **two** ways in which earthworms are important in the soil.

(i) ....

(ii) ....



47. The diagram below shows an experiment carried out on two equal amounts of soil samples **A** and **B**. Equal amount of water was poured on the soil samples. The water that passed through the soil samples after ten minutes was collected in containers of the same size as shown. Study and use it to answer the questions that follow.



- (a) What property of soil was being studied in the experiment?  
.....
- (b) State the function of the cotton wool in the experiment above.  
.....
- (c) Given that the two soil samples were from sand and clay, which of the two samples was clay?  
.....
- (d) Give any **one** reason for your answer in (c) above.  
.....  
.....

48. (a) State any **two** effects of chewing miraa (khat) to the human body.

(i) .....

(ii) .....

(b) Mention any **two** things a teenager can do to avoid the habit of chewing miraa (khat).

(i) .....

(ii) .....

49. The table below shows crop growing practices in part A and their importance in part B.

A: Crop growing practice	B: Importance
Staking	- Prevents overcrowding of plants
Mulching	- Removes unwanted plants
Thinning	- Prevents fruits from rotting
Weeding	- Conserves soil moisture

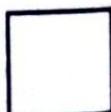
Match correctly the crop growing practices with their importance in the spaces provided below.

(i) Staking .....

(ii) Mulching .....

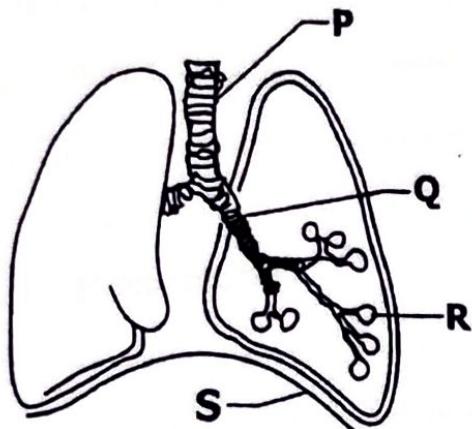
(iii) Thinning .....

(iv) Weeding .....



50. (a) Name the method of seed dispersal in;
- (i) Black jack. ....
- (ii) Coconut. ....
- (b) Give any **two** ways in which seed dispersal is important to plants.
- (i) ....
- .....
- (ii) ....
- .....

51. The diagram below is of a human respiratory system. Study the diagram and use it to answer the questions that follow.



- (a) Name the part marked **Q**.
- .....
- (b) Which substance is part **P** made of?
- .....
- (c) Give the function of the part marked **R**.
- .....
- (d) What happens to part **S** during the process of breathing in?
- .....

52. (a) Name the **two** states of matter through which heat travels by convection.

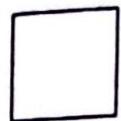
(i) .....

(ii) .....

(b) State any **two** ways in which heat transfer by convection is helpful in our daily life.

(i) .....

(ii) .....



53. (a) Give the meaning of the following terms:

(i) Agroforestry. ....

.....

.....

(ii) Mixed cropping. ....

.....

.....

(b) State any **two** characteristics of a tree suitable for agroforestry.

(i) .....

.....

(ii) .....

.....

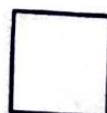
54. You are provided with the following materials:

Salt, sugar, teaspoon, boiled water and clean containers. After washing your hands, write **four** other steps you will take to prepare salt sugar solution for treating dehydration at home.

- (i) .....
- (ii) .....
- (iii) .....
- (iv) .....
- .....

55. (a) Write down any **two** things that can be added to chicken feeds in order to increase the amount of calcium.

- (i) .....
- (ii) .....
- (b) State any **two** practices a poultry farmer can do to layers to increase on egg production.
- (i) .....
- (ii) .....



**SECTION A: 40 MARKS**

1. Work out:    473 + 312

2. Write 27,040 in words.

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

3. Circle all the triangular numbers in the list below.

4, 5, 6, 7, 8, 9, 10

4. Given that the subsets of set Q are; {m}, {k}, {m, k}, { }, find n(Q).

5. Write 5,834 in standard form.

6. A taxi left Kampala for Gulu at 10: 00 pm. The journey took 5 hours. What time did the taxi arrive in Gulu?

7. Using a protractor and a ruler, draw an angle of  $145^{\circ}$  in the space below.

8. Given that  $m = 5$ ,  $n = 3$  and  $r = -2$ , find the value of  $\frac{mn}{n-r}$ .

9. Change 9.85 kilogrammes into grammes.

10. A box contains 5 blue and 6 red pens. A pen is picked at random from the box.  
Find the probability that the pen picked is blue.

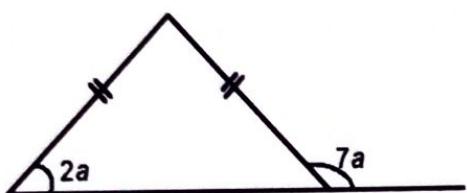
11. Solve:  $3y = 5$  (finite 7)

12. Find the lowest common multiple (LCM) of 18 and 30.

13. Workout:  $9.8 \div 0.07$

14. Auma sold two cocks for sh. 70,000 making a profit of sh. 12,000. If both cocks cost the same price, find the price Auma bought each cock.

15. Find the value of  $a$  in degrees in the diagram below.



16. The ratio of male workers to female workers in a factory is 2:3. There are 30 male workers in the factory. Find the total number of workers in the factory.

17. Solve:  $\frac{5}{6}k - 7 = 3$

18. Find the mean of the following numbers: 4, 7, 8, 5.

19. The diameter of a bicycle wheel is 70 cm. Find the distance it covers in two complete revolutions. (Use  $\pi = \frac{22}{7}$ )

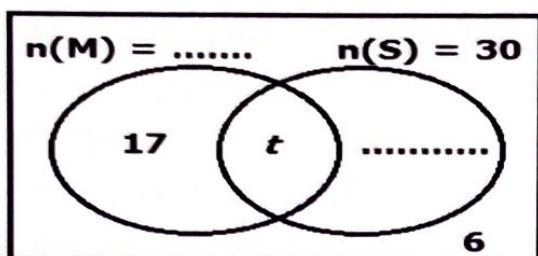
20. An aeroplane flying at an average speed of 260 km/hr from airport *E* to airport *N* took 45 minutes. Calculate the distance between the two airports.

## SECTION B: 60 MARKS

21. In a class party, two types of drinks were served, soda (S) and mineral water (M). 30 pupils took soda and  $t$  pupils took both soda and mineral water, 6 pupils took neither of the drinks while 17 pupils took only mineral water. The number of pupils who took soda only was twice that of those who took both soda and mineral water.

- (a) Use the given information to complete the Venn diagram below.

(02 marks)



- (b) Find the number of pupils who took both drinks.

(02 marks)

- (c) Calculate the total number of pupils in the class.

(02 marks)

22. Convert  $103_{\text{five}}$  to base two.

(04 marks)

23. The list below shows prices of different items in a certain shop.

- 2 kg of sugar cost sh. 6,800
- 500 g of posho cost sh. 1,600
- 1 kg of beans cost sh. 3,000
- 3 bars of soap cost sh. 10,500

(a) How much money will Opio pay for 3 kg of sugar?

(02 marks)

(b) Nakitto buys 1 kg of beans,  $1\frac{1}{2}$  kg of posho and 3 bars of soap.

How much does she pay?

(03 marks)

24. Kapere deposited sh. 750,000 in a bank. The bank offers a simple interest at a rate of 18% per year. After some time, Kapere had an amount of sh. 885,000 in the bank.

- (a) Find the interest Kapere earned. *(02 marks)*

- (b) Calculate how long the money was in the bank. *(03 marks)*

25. Using a ruler and a pair of compasses only,

- (a) Construct triangle JKL where JK = 6.5cm, angle LJK =  $30^{\circ}$  and angle JKL =  $105^{\circ}$ . *(04 marks)*

- (b) Measure the length LK. \_\_\_\_\_ cm *(01 mark)*

26. The timetable below shows the journey of a bus from Mbale to Kampala through Tororo, Bugiri, Iganga and Jinja. Study the table and use it to answer the questions that follow.

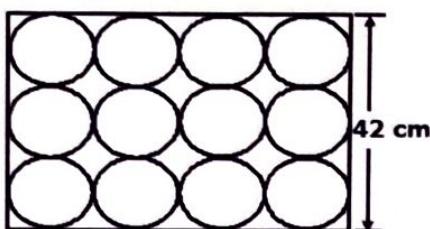
Town	Arrival time	Departure time
Mbale		09 00 hours
Tororo	09 30 hours	09 45 hours
Bugiri	10 25 hours	10 30 hours
Iganga	11 50 hours	12 00 hours
Jinja	13 30 hours	13 40 hours
Kampala	14 30 hours	

(a) Convert the arrival time of the bus at Tororo into 12 hour clock.  
*(01 mark)*

(b) How long did the bus take to travel from Jinja to Kampala?  
*(01 mark)*

(c) The distance from Mbale to Kampala is 275 Km. Calculate the average speed of the bus for the whole journey. *(03 marks)*

27. Lukwago cut out circular cards from a rectangular manilla paper whose width is 42cm as shown in the diagram below. Study the diagram and answer the questions that follow.



(a) Find the length of the manilla paper.

(02 marks)

(b) Calculate the area of the piece of manilla paper that remained.

(Use  $\pi = \frac{22}{7}$ )

(04 marks)

28. In a school, the fraction of the boys is  $\frac{1}{5}$  more than that of girls. The school has 280 girls.

(a) Find the fraction of the girls in the school. *(02 marks)*

(b) Calculate the total number of pupils in the school. *(02 marks)*

29. The interior angle sum of a regular polygon is  $1800^{\circ}$ .

(a) Calculate the number of sides of the polygon. *(02 marks)*

(b) Find the size of each exterior angle of the polygon. *(02 marks)*

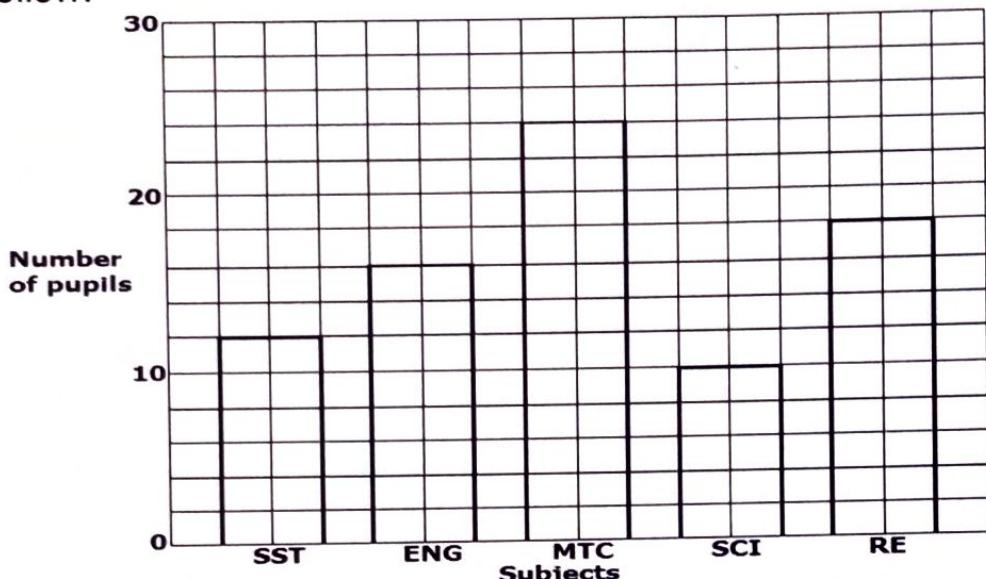
30. A water tank with a capacity of 4,800 litres was  $\frac{3}{4}$  full. Some of the water was sold using 20 - litre jerrycans at sh 200 each. After selling the water,  $\frac{1}{6}$  of it remained.

(a) Find in litres, the amount of water which was sold. *(04 marks)*

(b) Calculate the amount of money earned from the sale of the water. *(04 marks)*

31. A book costs three times as much as a pencil. A pen costs sh. 300 more than a pencil. If a book costs as much as a pen and a pencil, find the cost of a book. *(04 marks)*

32. The bar-graph below shows the number of pupils in a class and their best liked subjects. Study the graph and use it to answer the questions that follow.



- (a) Which subject is liked by fewer pupils? *(01 mark)*
- (b) How many pupils liked Mathematics best? *(01 mark)*
- (c) Calculate the total number of pupils in the class. *(02 marks)*
- (d) Find the percentage of pupils who liked English best. *(02 marks)*