



UGANDA NATIONAL EXAMINATIONS BOARD

PRIMARY LEAVING EXAMINATION

2022

MATHEMATICS

Time Allowed: 2 hours 30 minutes

Random No.						Personal No.		

Candidate's Name:

Candidate's Signature:

District ID No.

Read the following instructions 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 **15 printed pages**.
3. Answer **all** questions. **All** the working for both sections **A** and **B** must be shown in the spaces provided.
4. **All** working **must** be done using a **blue** or **black** ball point pen or ink. Any work done in pencil other than on graphs and diagrams 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: 40 MARKS

Answer **all** the questions in this section.

Questions **1** to **20** carry two marks each.

1. Work out: $\frac{3}{5} + \frac{1}{5}$

2. Write 546 in Roman numerals.

3. Work out:

1	2	7
x	3	
—		

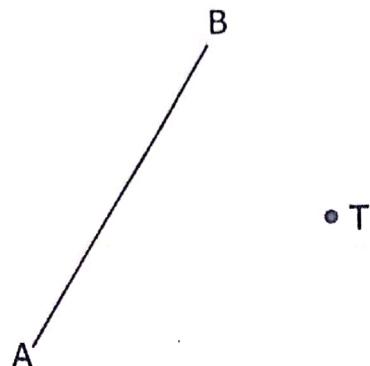
4. Given that $P \cup Q = \{1, 2, 3, 4, 5, 6, 7, 8\}$, $P \cap Q = \{1, 4, 7\}$ and $P' = \{5, 6, 8\}$, list the elements of set P.

5. Find the next number in the sequence:

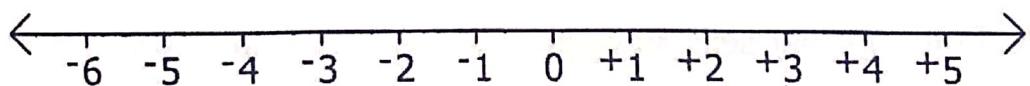
1, 3, 7, 13, 21,



6. Using a ruler and a pair of compasses only, construct a line through point T parallel to line AB.



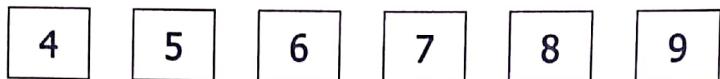
7. Write the number whose standard form is 7.43×10^2 .
8. Represent the number operation $-5 + +7$ on the number line below.



9. Solve: $2a - 6 = 10$

10. A packet of biscuits weighs 200 grammes. Calculate the total weight in kilogrammes of 30 packets of biscuits.

11. The drawings below show cards with numbers written on them.



The cards were then put in a bag. Find the probability that a card picked at random from the bag has a composite number.

12. Work out:

$$\begin{array}{r} 1001_{\text{two}} \\ - 111_{\text{two}} \\ \hline \end{array}$$

13. A poultry farmer sells 30 eggs at sh 12,000. Find the cost of 25 eggs.

14. Round off 2498 to the nearest hundreds.

15. The weight of a teacher is 72 kg. The average weight of the teacher and three pupils is 50 kg. Calculate the total weight of the pupils.

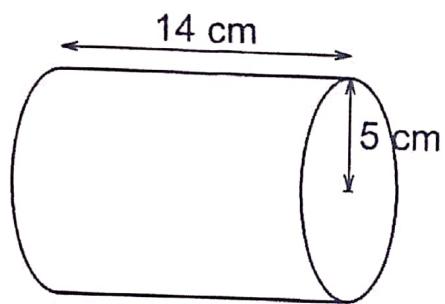
16. Town M is South East of town V. Find the bearing of town V from town M.

17. A businesswoman borrowed sh 100,000 from a savings group which charged her an interest rate of 3% per month. Calculate the interest she paid after a period of six months.

18. Peter walked a distance of 2 km in 20 minutes. Find his speed in kilometers per hour.

19. Given that $m = 8$ and $n = 6$, find the value of $\sqrt{mn+1}$.

20. Calculate the volume of the cylinder below. (Use $\pi = \frac{22}{7}$)



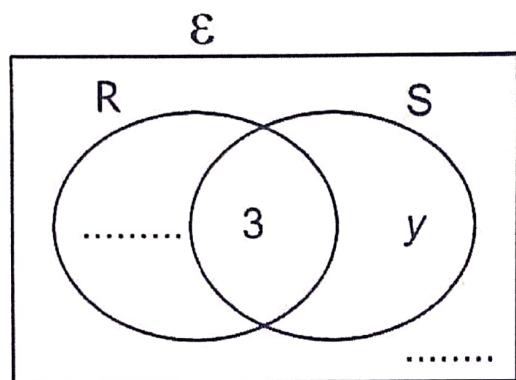
SECTION B: 60 MARKS

Answer **all** the questions in this section.

Marks for each question are indicated in brackets.

21. In a village, 3 farmers grow both rice (R) and sunflower (S). 24 farmers grow rice and y farmers grow sunflower only. $2y + 9$ farmers grow none of the two crops.

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



- (b) Given that the number of farmers who grow rice only is equal to the number of farmers who grow none of the two crops, find the value of y .
(02 marks)

- (c) How many farmers grow sunflower?
(01 mark)

22. A trader bought 500 mangoes at sh 250 each. The trader then sold 100 of the mangoes at sh 350 each and the rest at sh 300 each. Calculate the profit the trader made. *(05 marks)*

23. Work out:
$$\frac{0.75 + 0.25}{0.65 - 0.4}$$
 (04 marks)

24. A motorist left his home at 7:40 a.m. and travelled to town for 3 hours at an average speed of 64 km/h. He stayed in town for 30 minutes and then travelled back home.

- (a) Calculate the distance from the motorist's home to the town.

(02 marks)

- (b) At what time did the motorist leave the town? *(01 mark)*
- (c) Calculate the speed at which the motorist travelled back if he reached home at 3:10 p.m. *(03 marks)*

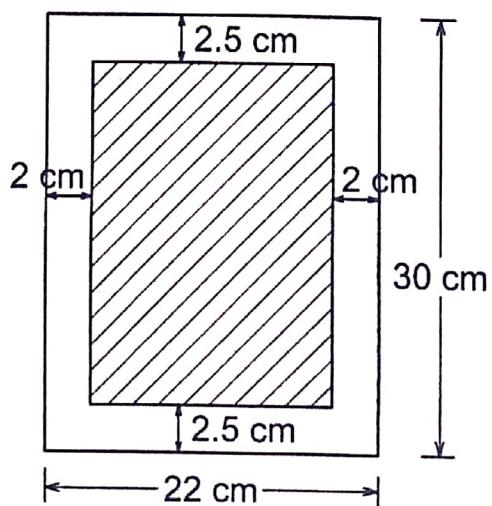
25. The sum of three consecutive counting numbers is 78. Find the largest number. *(04 marks)*

26. (a) Using a ruler and a pair of compasses only, construct triangle ABC in which line AB = 7 cm, AC = 6 cm and angle CAB = 45° .
(04 marks)

- (b) Measure angle ACB.
(01 mark)



27. The figure below represents a photograph enclosed in a photo frame. The length of the photo frame is 30 cm and the width 22 cm. The area covered by the photograph is shaded. Study the figure and use it to answer the questions that follow.



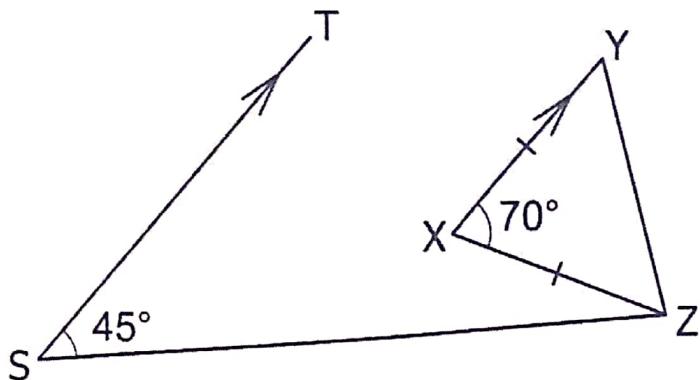
- (a) Find the length of the photograph.
(02 marks)

(b) Calculate the area of the frame **not** covered by the photograph.
(04 marks)

28. A Mathematical set costs sh 2,000 more than an exercise book. The cost of two exercise books is the same as $\frac{2}{5}$ of the cost of a mathematical set. Find the cost of an exercise book. *(04 marks)*



29. In the figure below, line $XY = XZ$ and line TS is parallel to line XY . Angle $TSZ = 45^\circ$ and angle $YXZ = 70^\circ$. Study the figure and use it to answer the questions that follow.

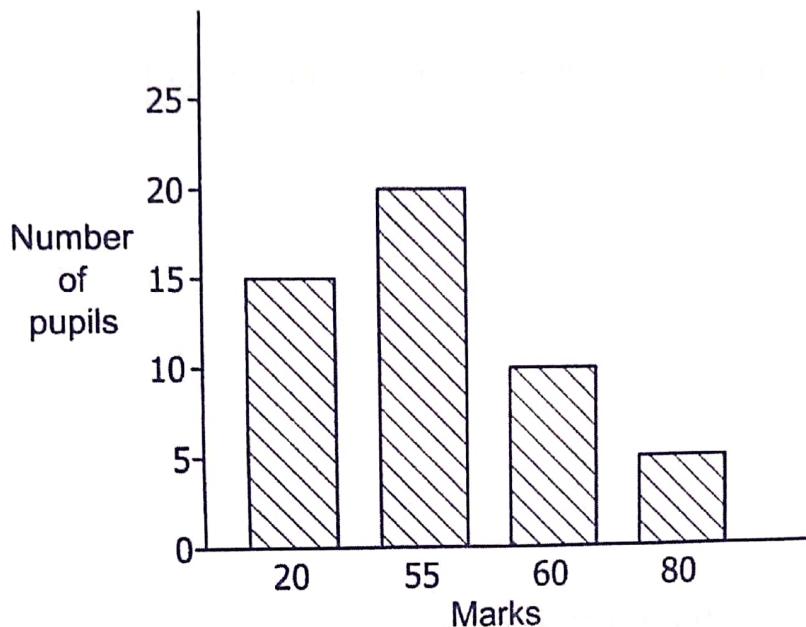


Find the size of angle;

(a) XYZ *(02 marks)*

(b) SZX *(03 marks)*

30. The bar graph below shows marks scored by pupils in a test. Study the graph and use it to answer the questions that follow.



- (a) Find the number of pupils who did the test. *(02 marks)*
- (b) Calculate the mean mark of the pupils. *(03 marks)*



31. A company supplied text books to three schools; F, G and H in the ratio 4:6:5 respectively. School F received 72 books less than school G.

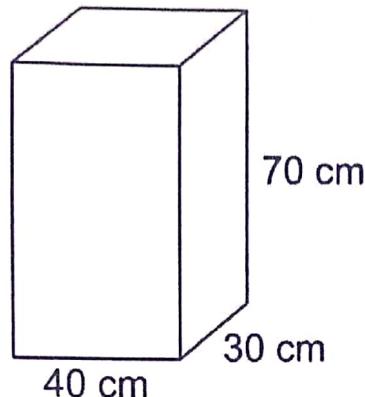
(a) Find the number of text books supplied by the company.

(03 marks)

(b) Calculate the number of books school H got.

(02 marks)

32. The diagram below shows a tank full of water. The water leaks at a rate of 1.5 litres per hour. Study the diagram and use it to answer the questions that follow.



- (a) Find the capacity of the tank in litres. *(02 marks)*
- (b) Calculate;
- (i) the amount of water in litres that will leak out of the tank in 12 hours. *(01 mark)*
- (ii) the height of the water that remains in the tank after 12 hours. *(03 marks)*





UGANDA NATIONAL EXAMINATIONS BOARD
PRIMARY LEAVING EXAMINATION
2022

SOCIAL STUDIES WITH RELIGIOUS EDUCATION

Time Allowed: 2 hours 15 minutes

Random No.	Personal No.

Candidate's Name:

Candidate's Signature:

District ID No.

**Read the following instructions
carefully:**

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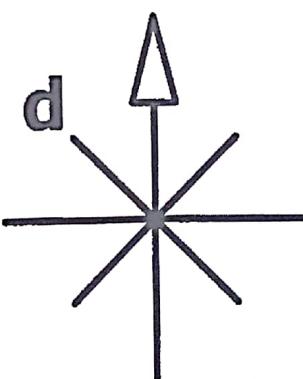
FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXR'S NO.
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each.

1. Mention any **one** practice that can promote order in a home.
.....
.....
2. What is the major tourist attraction in Mgahinga National Game Park?
.....
.....
3. State **one** way in which the International Monetary Fund (IMF) helps to promote development in Uganda.
.....
.....
4. Give any **one** way through which the colonialists communicated with the local people in Uganda.
.....
.....

Use the diagram below to answer question 5.

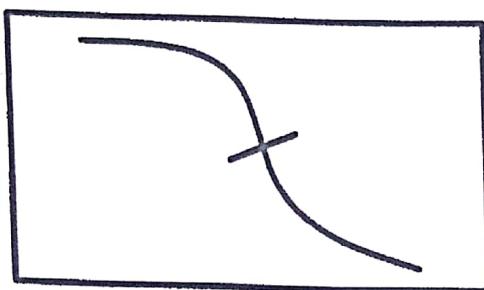


5. Name the direction of point d.
.....
6. State any **one** way in which a community can help the police to keep law and order.
.....
7. Mention any **one** way in which school children can misuse their right to education.
.....

8. Give the meaning of the term 'population density'.

.....
.....

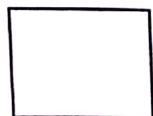
9. What does the map symbol below represent?



.....

10. Mention any **one** role played by Kwame Nkrumah during the Pan African Conference of 1958.

.....



11. How are hills important to telecommunication companies in Uganda?

.....

12. Mention any **one** effect of a long period of drought on agriculture.

.....

13. Name the arm of the Great Rift Valley which passes through Uganda.

.....

14. State any **one** advantage of having an Environment Management Club in a school.

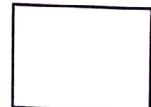
.....

15. Give any **one** way in which Ugandans benefitted from representation on the Legislative Council (LEGCO) during the struggle for independence.
-

16. Name the line of longitude that passes through Accra in Ghana.
-
17. State any **one** reason why most pastoral communities are settled in the plains.
-

18. Give any **one** way through which the African Union (AU) promotes peace among member countries.
-

19. Why do some people build their houses with slanting roofs?
-
20. Mention any **one** way in which families can solve the problems caused by high food prices in Uganda.
-



21. Give any **one** way in which the setting up of small scale industries in rural areas can reduce rural-urban migration.
-

22. Name the feature on the Uganda Coat of Arms which symbolises the Tropical Climate.
-

23. Mention any **one** way in which the National Constitution helps to promote peace in a country.
-

24. State any **one** cause of teenage pregnancies in Uganda.

.....

25. Mention any **one** way in which oil drilling can benefit the people living in the Albertine region.

.....

26. State any **one** reason for the signing of the Anglo-German treaty of 1890.

.....

27. Mention any **one** way in which a school can preserve the culture of a community.

.....

28. Give any **one** reason why polling stations should have Police Officers during an election.

.....

29. Mention any **one** way in which the Temperate grasslands are economically important to the people of South Africa.

.....

30. Apart from money, mention any **one** other personal thing that people can keep in a bank.

.....



31. Give any **one** reason why Uganda has less irrigation projects compared to Libya.

.....

32. Name any **one** block mountain found in Tanzania.

.....

33. Give any **one** reason why few people use newspapers as a means of communication in East Africa.

.....

34. Why is mob justice a bad practice in communities?

.....

35. Give any **one** reason why the number of children dying of diseases has gone down in East Africa.

.....

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:**

Mention any **one** way in which a Christian can improve the lives of people suffering in their community.

.....

OR:

Mention any **one** way in which a Muslim can improve the lives of people suffering in their community.

.....

37. **EITHER:**

Name the brother of Simon Peter who was called by Jesus to follow him.

.....

OR:

Name the person who was the uncle of Prophet Muhammad (P.B.U.H).

.....

38. EITHER:

In what way did God punish the human race because of their disobedience during Noah's time?

.....

OR:

In what way did Allah punish the human race because of their disobedience during Prophet Nuhu's time?

.....

39. EITHER:

Mention any **one** reason why a Christian should not live a lazy life.

.....

OR:

Mention any **one** reason why a Muslim should not live a lazy life.

.....

40. EITHER:

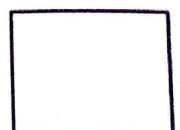
What term is used by Christians to mean the act of asking for forgiveness after wrongdoing?

.....

OR:

What term is used by Muslims to mean the act of asking for forgiveness after wrongdoing?

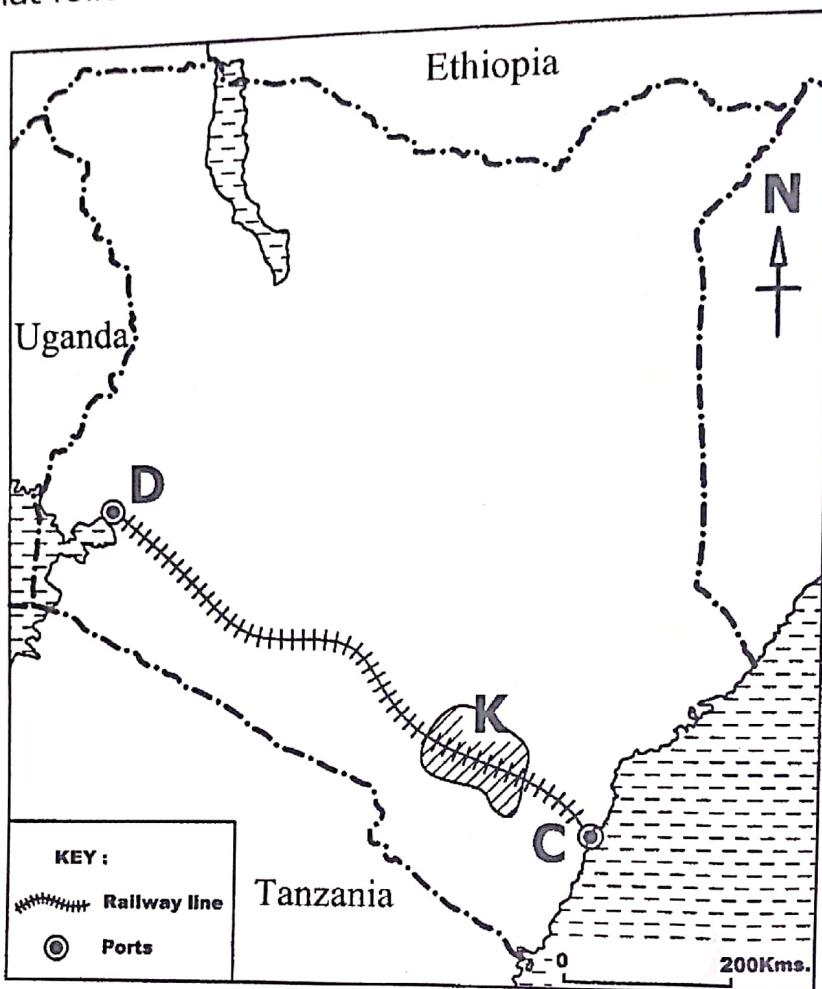
.....



SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each.

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



- (a) Name the ports marked:
- (i) C:
 - (ii) D:
- (b) Give any **one** reason why the railway line was constructed from town **C** to town **D**.
-
- (c) Mention **one** problem faced by the builders of the railway in the area marked **K**.
-

42. (a) Mention any **two** raw materials the Europeans received from Americas during the Trans-Atlantic trade.

(i)

(ii)

(b) State any **two** positive effects of the Trans-Atlantic trade on the people of Africa.

(i)

(ii)

43. (a) Name any **one** common natural disaster in Uganda.

.....

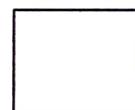
(b) Mention any **two** human activities that cause disasters in Uganda.

(i)

(ii)

(c) Give any **one** way of controlling disasters in mountainous areas.

.....



44. (a) Give any **two** reasons why the Banyoro staged the Nyangire Rebellion of 1907.

(i)

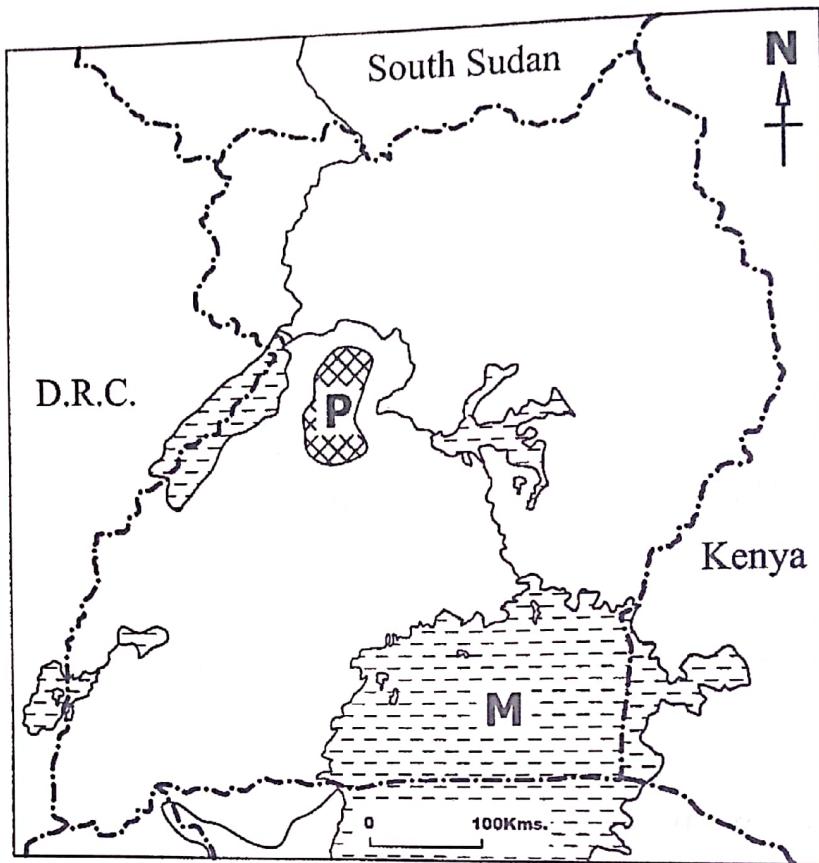
(ii)

(b) State any **two** positive effects of the Mau Mau uprising on the African communities in Kenya.

(i)

(ii)

45. Use the sketch map of Uganda below to answer the questions that follow.

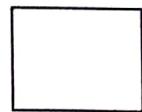


- (a) Name the natural forest found in the area marked **P**.
-
- (b) Mention any **two** reasons why the area around Lake marked **M** is suitable for farming.
-
- (c) Use letter **C** to show Albert Nile on the map.
-
46. (a) Apart from farming, give any **one** other example of a primary industry in Uganda.
-
- (b) State any **one** way in which cash crop growing increases industrial development in East Africa.
-

- (c) Mention any **two** reasons for the slow industrial development in some African countries.

(i)

(ii)



47. Study the climatic table below and use it to answer the questions that follow.

Months	J	F	M	A	M	J	J	A	S	O	N	D
Rainfall (mm)	-	-	-	-	20	18	22	16	-	-	-	-
Temperature (°C)	37	39	40	40	40	39	37	39	40	42	44	38

- (a) Name the month of the year that received the highest amount of rainfall.

.....

- (b) Identify the type of climate shown in the table.

.....

- (c) What is the temperature range of the climate shown in the table?

.....

- (d) Mention **one** factor that influences the type of climate shown in the table.

.....

48. (a) On which type of goods is customs tax charged?
.....
.....
- (b) State any **two** reasons why some people in Uganda are not willing to pay taxes.
(i)
(ii)
- (c) Why does the government set up revenue check points on roads?
.....
49. (a) Name the place in modern Tanzania through which the early explorers entered East Africa.
.....
- (b) In which **two** ways was the Sultan of Zanzibar helpful to early explorers to East Africa?
(i)
(ii)
- (c) How did some wrong information about Africa make the work of the explorers difficult?
.....
50. (a) Give the source of the following forms of energy:
(i) solar energy
(ii) wind energy
- (b) State any **two** benefits of extending hydro-electric power (HEP) to all parts of Uganda.
(i)
(ii)

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 **two** types of books in the Holy Bible.
- (i)
- (ii)
- (b) Mention any **one** way in which Christians give respect to the Holy Bible.
.....
- (c) Why do Christians use the Holy Bible when preaching?
.....

OR:

- (a) Name the Holy Book that was revealed to Prophet Issa.
.....
- (b) Mention any **two** ways in which Muslims give respect to the Holy Qur'an.
- (i)
- (ii)
- (c) Why do Muslim leaders use the Holy Qur'an when preaching?
.....

52. EITHER:

- (a) Apart from love, mention any other **two** parts of the fruit of the Holy Spirit.
- (i)
- (ii)

- (b) Give any **two** ways in which the Holy Spirit is important in the life of a Christian.

(i)

(ii)

OR:

- (a) State any **two** ways in which observing the pillars of Islam can change the life of a Muslim.

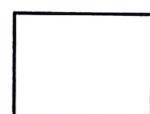
(i)

(ii)

- (b) Give any **two** ways in which articles of Islamic faith are important to Muslims.

(i)

(ii)



53. EITHER:

- (a) State any **one** traditional way of reconciliation.

.....

- (b) Mention any **two** ways in which Christians carry out reconciliation.

(i)

(ii)

- (c) Why is reconciliation very important in our communities?

.....

OR:

- (a) State any **one** traditional way of reconciliation.

.....

- (b) Mention any **two** ways in which Muslims carry out reconciliation.

(i)

(ii)

- (c) Why is reconciliation very important in our communities?

.....

54. EITHER:

- (a) Mention any **one** cause of suffering in our society.

.....

- (b) State any **one** way in which Jesus suffered during his life on earth.

.....

- (c) Mention any **two** things a Christian can do in times of suffering.

(i)

(ii)

OR:

- (a) Mention any **one** cause of suffering in our society.

.....

- (b) State any **one** way in which Prophet Muhammad (P.B.U.H) suffered during his life on earth.

.....

- (c) Mention any **two** things a Muslim can do in times of suffering.

(i)

(ii)

55. **EITHER:**

(a) Mention any **two** qualities of a good friend.

(i)

(ii)

(b) Give any **one** reason why a Christian child should have good friends.

.....

(c) State any **one** way of keeping good friends.

.....

OR:

(a) Mention any **two** qualities of a good friend.

(i)

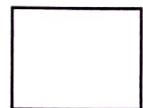
(ii)

(b) Give any **one** reason why a Muslim child should have good friends.

.....

(c) State any **one** way of keeping good friends.

.....





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PRIMARY LEAVING EXAMINATION

2022

ENGLISH

Time Allowed: 2 hours 15 minutes

Random No.						Personal No.		

Candidate's Name:

Candidate's Signature:

District ID No.

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1 – 10		
11 – 20		
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31 – 40		
41 – 50		
51		
52		
53		
54		
55		
TOTAL		

SECTION A: 50 MARKS

Sub-Section I

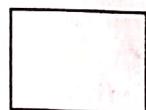
Questions **1** to **50** carry one mark each.

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.

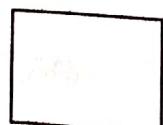
.....

.....

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)

per

.....

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)

.....

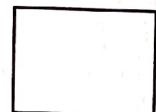
39. An old man is taking care of the goats. (Rewrite the sentence beginning: The goats)

.....

.....

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)

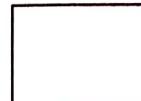
.....
.....

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?

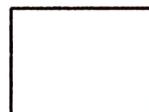
.....
.....

(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?

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

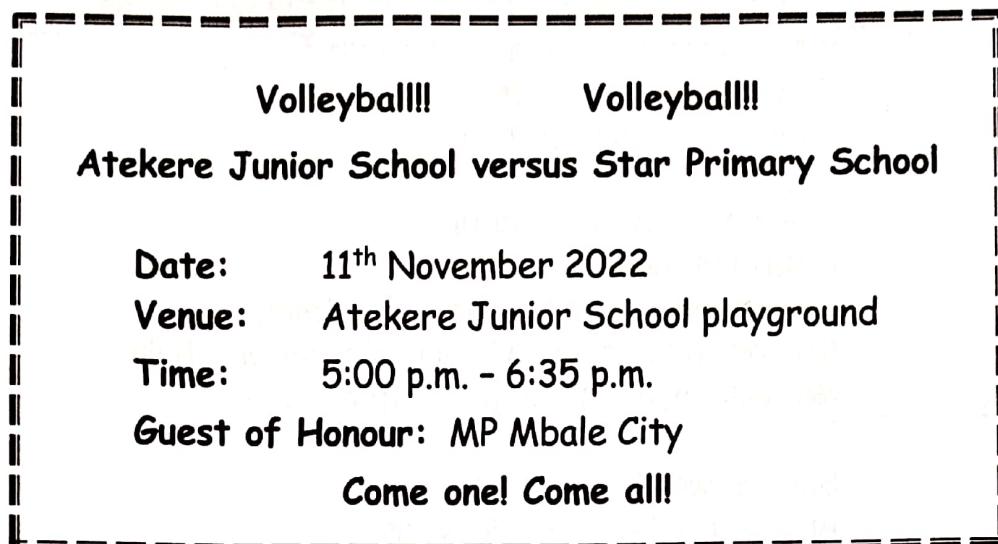
(d) Which pupil was in charge of revision on Saturday?

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

(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?

.....
.....

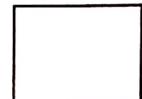
(h) Give a word or group of words with the same meaning as each of the underlined words in the poem.

(i) damage

(ii) happy

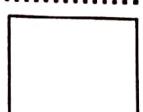
(i) Suggest a suitable title for the poem.

.....



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.



UGANDA NATIONAL EXAMINATIONS BOARD
PRIMARY LEAVING EXAMINATION

2022

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Random No.						Personal No.		

Candidate's Name:

Candidate's Signature:

District ID No.

Read the following instructions 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 **15** printed pages altogether.
3. Answer **all** 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. 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.

.....

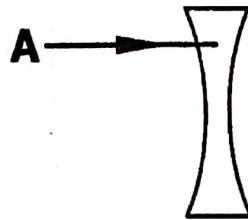
5. Why is it advisable to chew food properly before swallowing it?

.....

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.

.....

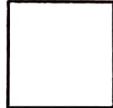
8. Complete the path of ray **A** as it passes through the lens.

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?

.....

.....

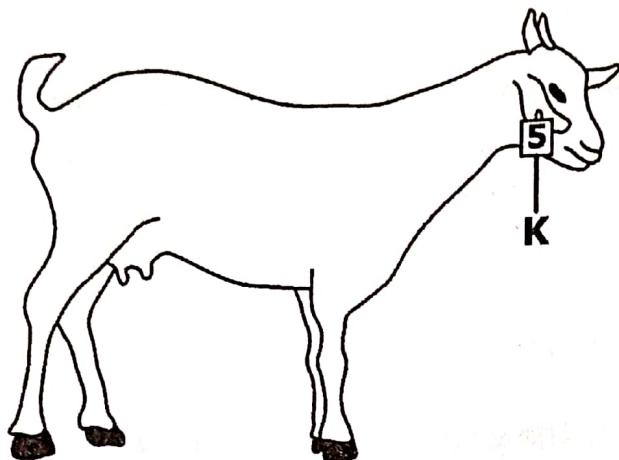
15. State any **one** way of conserving fossil fuels.

.....

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?

.....

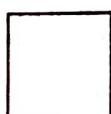
.....

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.

.....

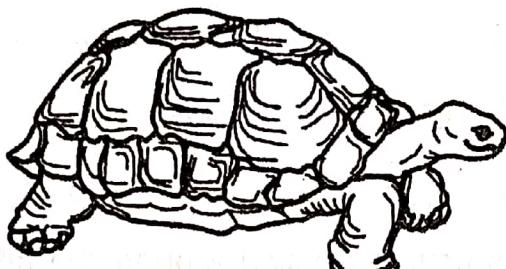
23. State any **one** way in which an adolescent can control bad odour that results from body changes.

.....
.....

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.

.....

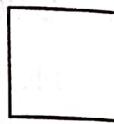
29. Why does sound travel fastest in solids compared to other states of matter?

.....

.....

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.

.....

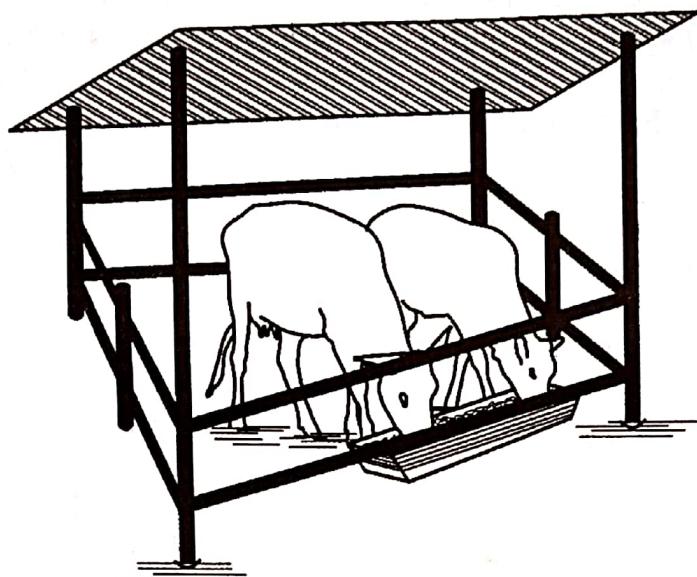


SECTION B: 60 MARKS

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.

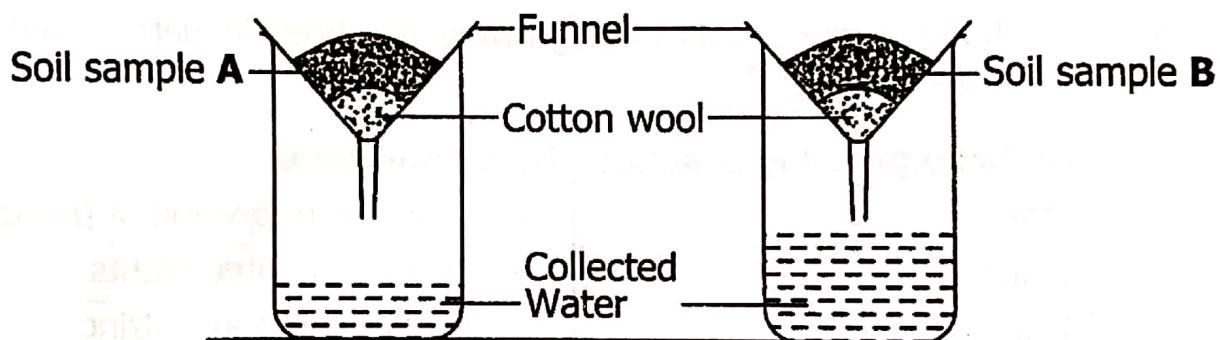
- (b) Apart from improving soil aeration, identify any other **two** ways in which earthworms are important in the soil.

(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

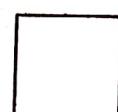
Match correctly the crop growing practices with their importance in the spaces provided below.

(i) Staking

(ii) Mulching

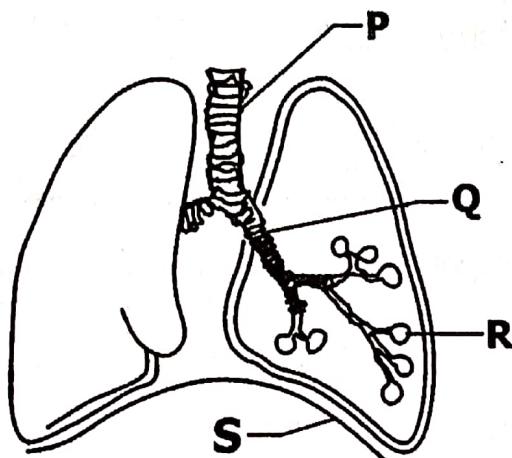
(iii) Thinning

(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.

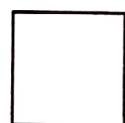
(i)

(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)

