

INTEGRATED SCIENCE

*Time allowed: 2 hours 15 minutes*

Index No.

| Random No. | Personal No |
|------------|-------------|
|            |             |

Candidate's Name. ....

Candidate's Signature. ....

School Random No. ....

District ID. ....

**Read the following instructions carefully:**

1. This paper has two sections: **A** and **B**. Section **A** has **40** questions and Section **B** has **15** questions. The paper has **12 printed pages altogether**.
2. Answer **all** questions. **All** answers to both sections **A** and **B** must be written in the spaces provided.
3. **All** answers must be written using a **blue** or **black** ball point pen or ink. Any work written in pencil other than graphs and diagrams will **not** be marked.
4. Unnecessary **changes** in your work may lead to **loss** of marks
5. Any handwriting that **cannot** easily be read may lead to **loss** of marks
6. Do **not** fill anything in the table indicated: "**For Examiners' Use Only**" and the boxes inside the question paper

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

Turn over

## SECTION A: 40 MARKS

*Answer **all** questions in this section*

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

1. Name the main natural source of water on earth.

.....

2. Give any **one** importance of keeping our bodies clean.

.....

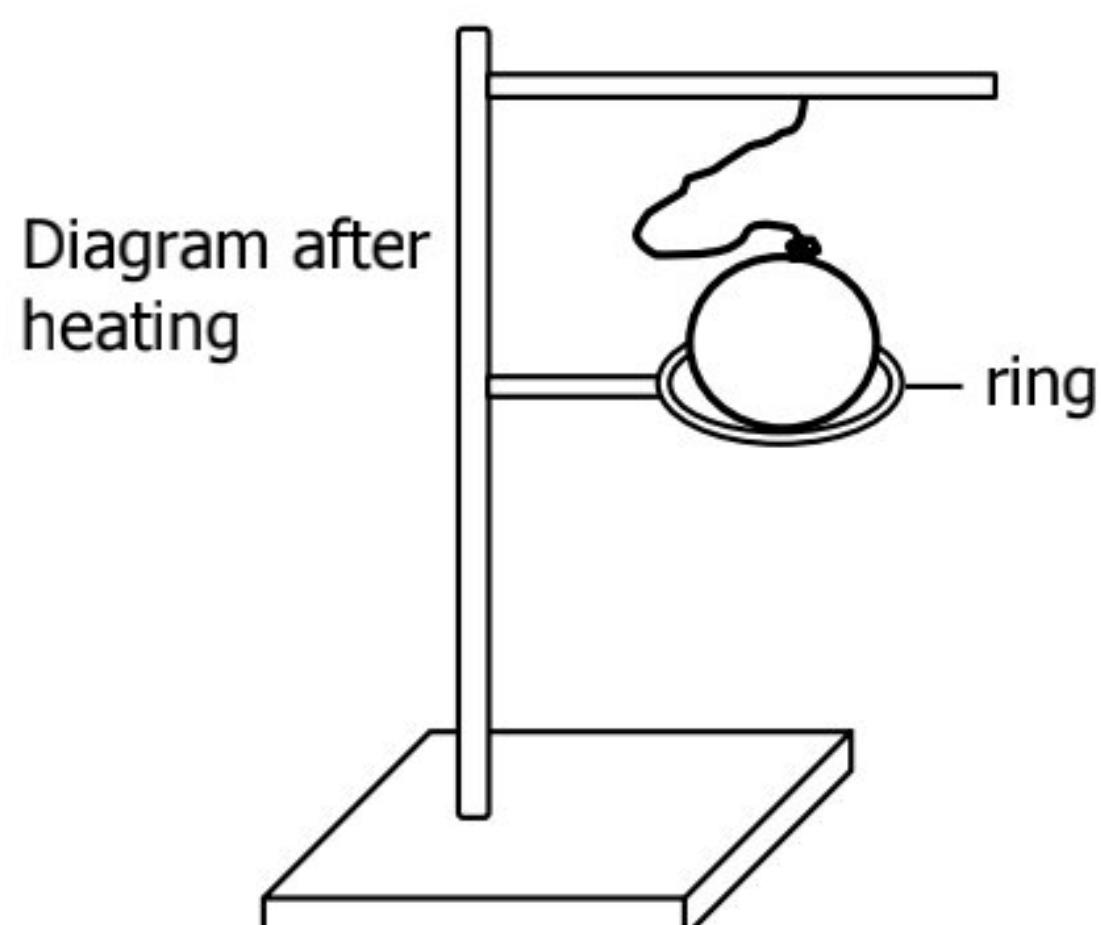
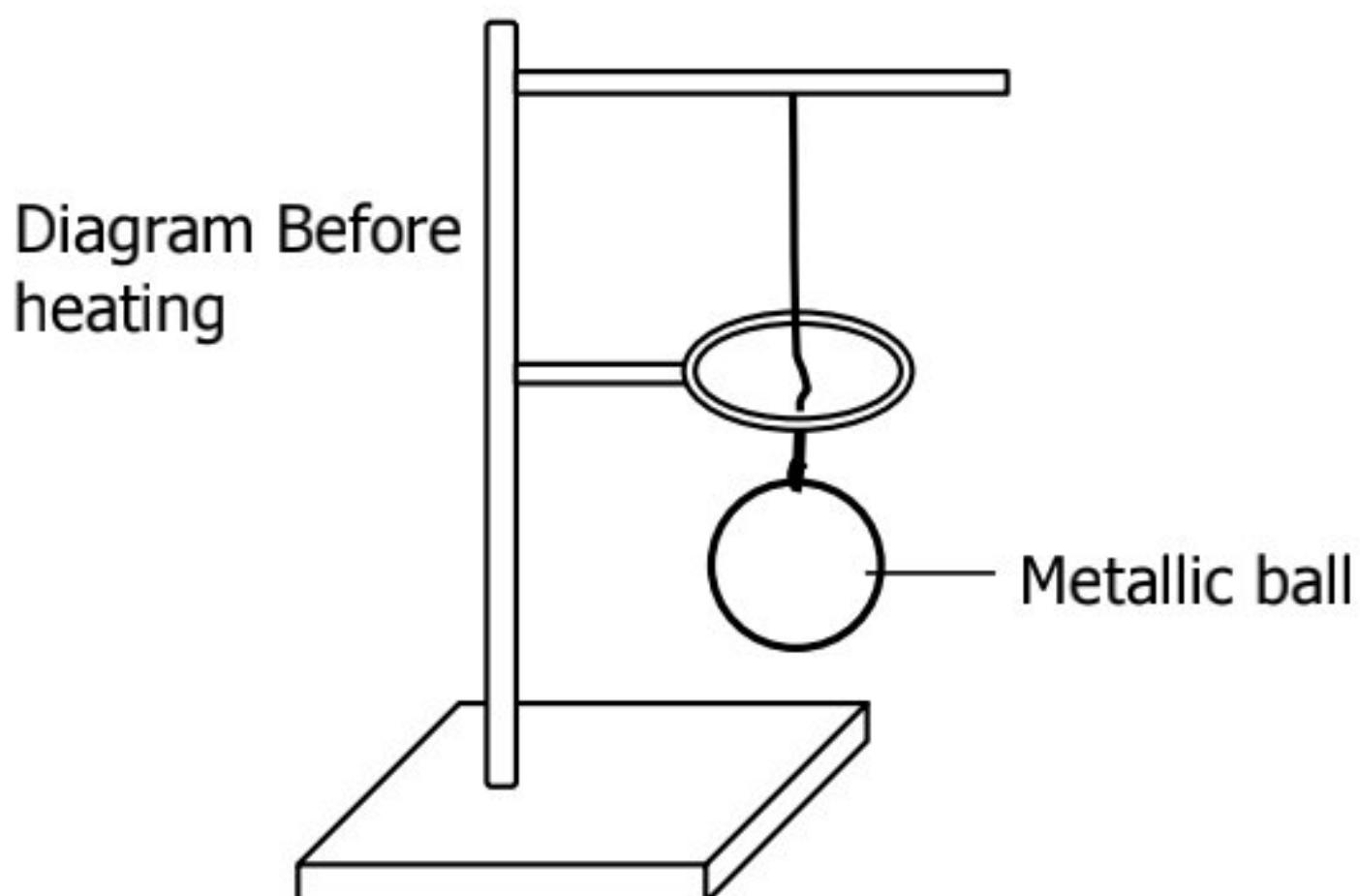
3. Which part of a maize grain stores food?

.....

4. Name the sensory organ for hearing in humans?

.....

The experiment below was carried out to investigate certain effect of heat on metals. Study and use it to answer questions **5** and **6**.



5. What does the above experiment prove about metals?

.....

6. Why was the metallic ball not able to pass through the ring immediately after heating it?

.....

7. Give any **one** sign of coccidiosis in rabbits.

.....

8. In which way does painting protect iron sheets from rusting?

.....

9. Mention any **one** community health problem associated with high pollution.

.....

10. State any **one** way through which soil loses its fertility.

.....

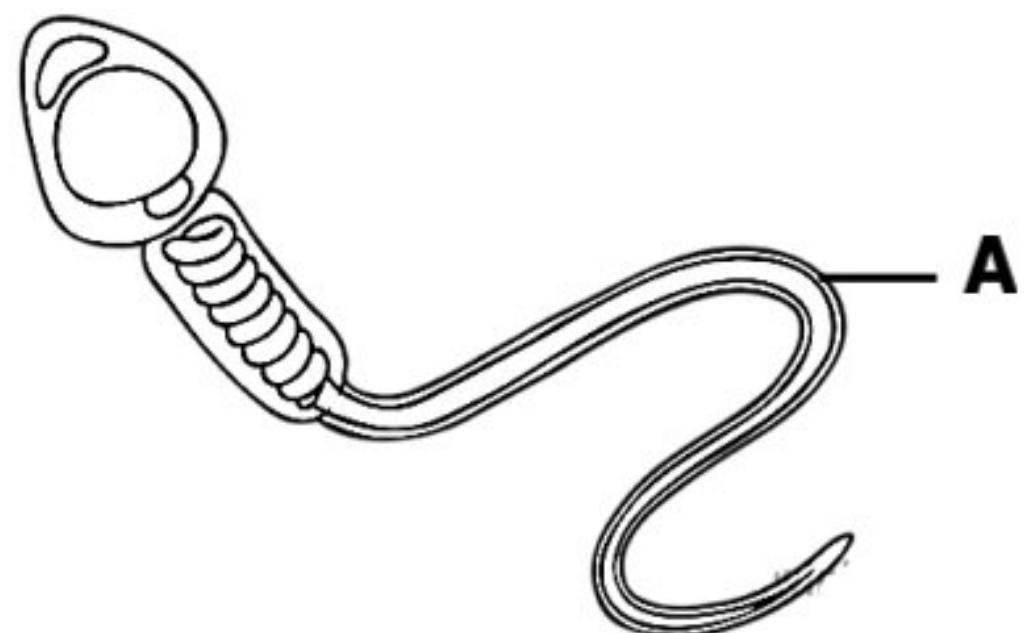
11. What causes night blindness?

.....

12. Name the fungus used in making local beer.

.....

The diagram below shows a male reproductive cell in humans. Use it to answer the questions **13** and **14**.



13. Identify the reproductive cell shown above.

.....

14. State the function of part **A** to the above reproductive cell.

.....

15. What determines sinking and floating of objects in water?

.....

16. By what physical process does vapour change to liquid?

.....

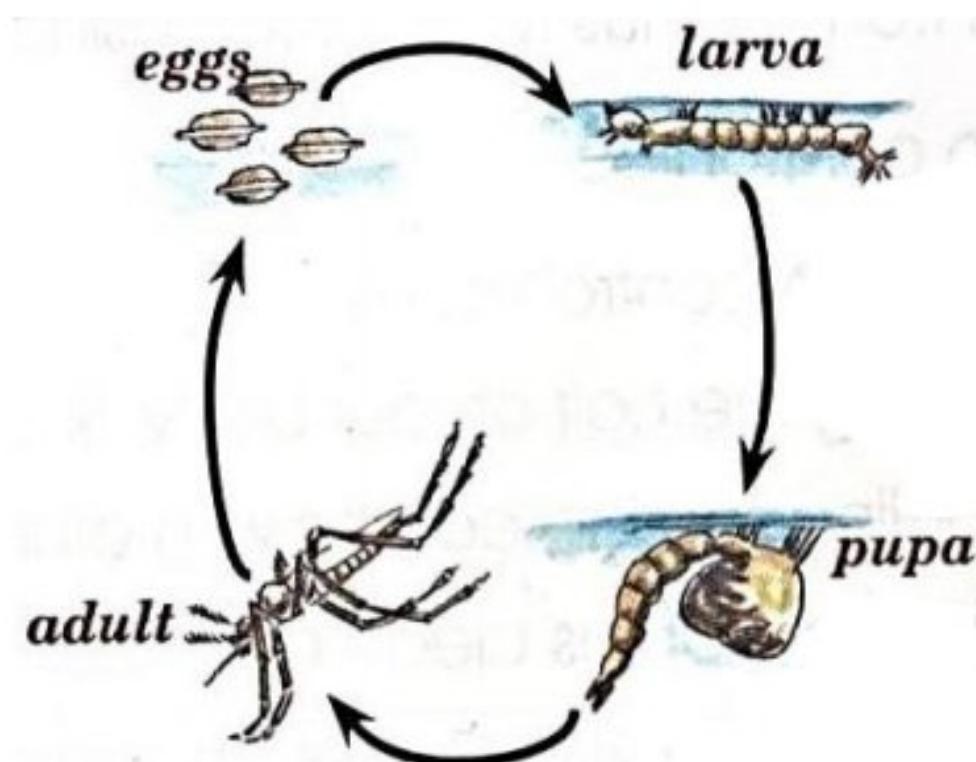
17. How are the ossicles important in the process of hearing?

---

18. To which group of flowering plants do beans, peas and groundnuts belong?

---

The diagram below shows the life cycle of a type of a mosquito. Study and use it to answer questions **18** and **19**.



19. Name the type of mosquito whose life cycle is shown above.

---

20. Which disease is transmitted by the above mosquito to humans?

---

21. Give the role of water added into the digester when making bio gas.

---

22. Why does blood go to lungs during blood circulation?

---

23. State any **one** advantage of colostrum to a newly born calf.

---

24. Name any **one** class of cold blooded vertebrates.

---

25. Mention any **one** disease of the human teeth?

---

26. Give any **one** way in which health education is important to people.

.....

27. Write any **one** advantage of natural brooding in keeping poultry.

.....

28. In which **one** way can people use wind as a resource?

.....

29. Give any **one** effect of physical changes to the environment.

.....

30. What is the danger of poor body posture to the human skeleton?

.....



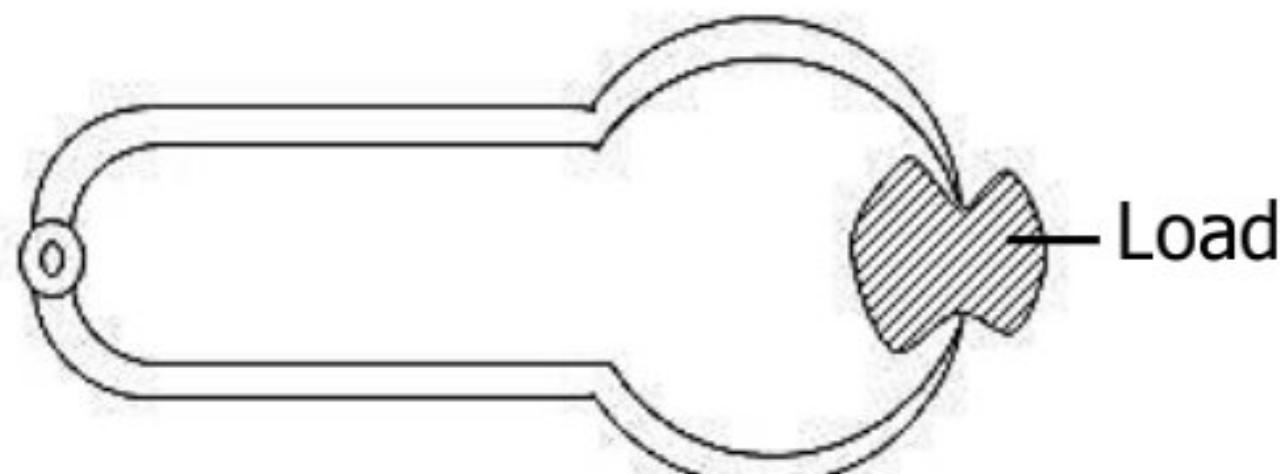
31. State any **one** disadvantage of using traditional beehives in bee keeping?

.....

32. Mention any **one** way of promoting food hygiene.

.....

The diagram below is of an example of lever machine in use. Use it to answer the questions **33** and **34**.



33. To which class of levers does the above simple machine belong?

.....

34. Using arrows and letter **E**, indicate the position of the effort used to overcome the load on the diagram above.

35. Give any **one** cause of truancy among school children.

.....

36. Mention any **one** example of a stem tuber crop grown in Uganda.

.....

37. By what process is humus formed?

.....

38. Why should plenty of drinks be given to fever victim when administering First Aid?

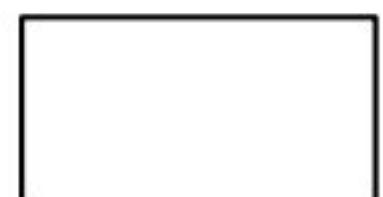
.....

39. Which digestive disorder is caused by improper chewing of food?

.....

40. State any **one** advantage of using a single fixed pulley over a single movable pulley.

.....



## **SECTION B: 60 MARKS**

*Answer **all** questions in this section*

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

41. a) Name any **one** example;

i) dairy cattle .....

ii) beef cattle .....

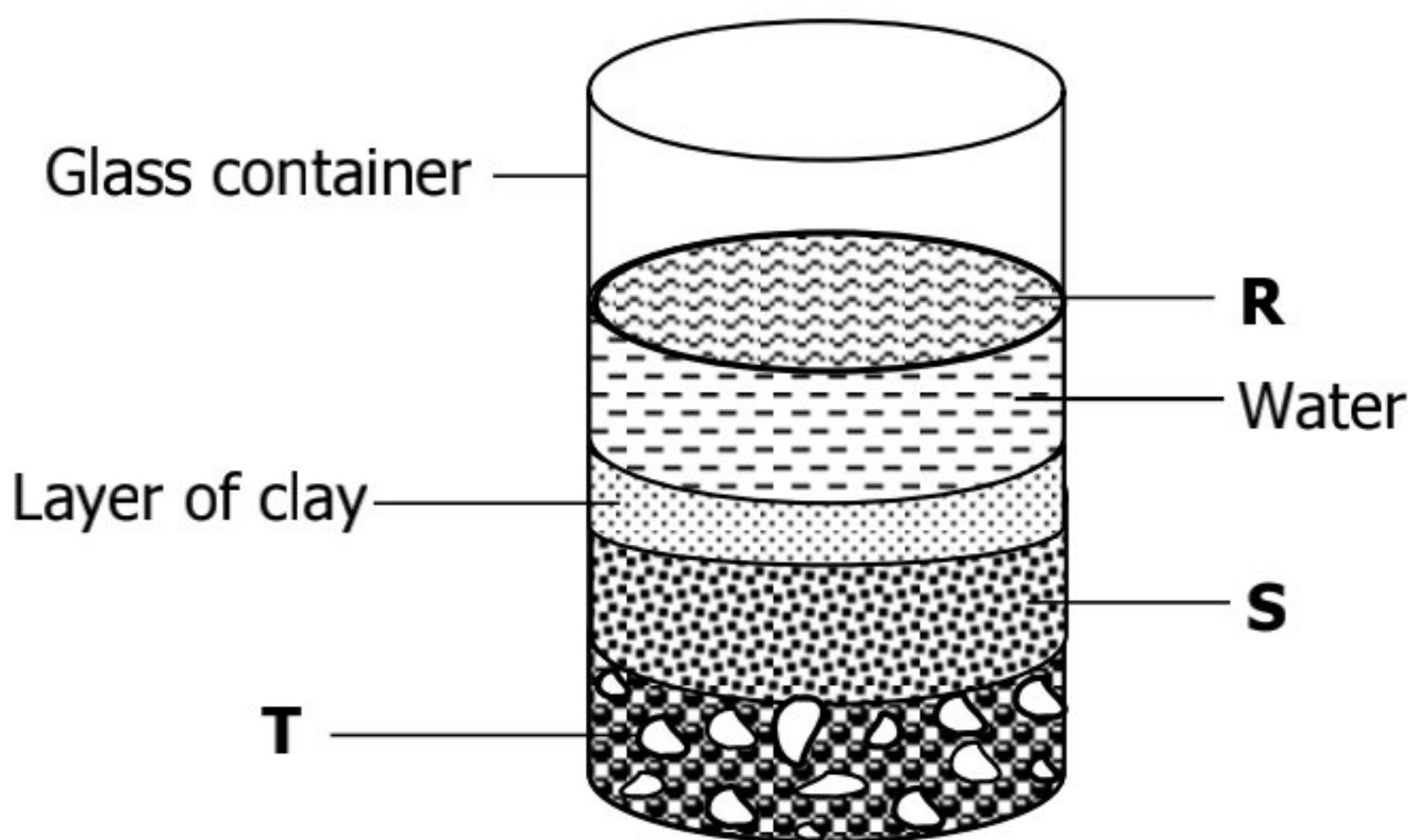
b) State any **two** physical differences between dairy cattle and beef cattle.

i) .....

.....

ii) .....

42. The diagram below shows a glass container into which a soil sample was placed and thoroughly mixed with water. The components settled as shown. Study and use it to answer questions that follow.



- a) Name the part labeled **S**.

.....

- b) Give any **two** ways in which soil component **R** is useful in plant growth.

i) .....

ii) .....

- c) Which process forms soil component **T**?

.....

43. a) Write any **two** causes of short circuits.

i) .....

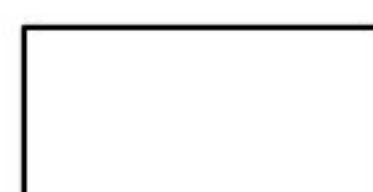
ii) .....

- b) In which **one** way are short circuits dangerous in our homes?

.....

- c) Give any **one** way of safeguarding against the dangers of short circuits.

.....



44. a) Name any **one** agent of pollination of flowers.

.....

b) Why is self-pollination not common in maize plants?

.....

c) State any **two** ways in which wind pollinated flowers are different from insect pollinated flowers.

i) .....

.....

ii) .....

.....

45. a) List any **two** examples of water pollutants.

i) .....

ii) .....

b) Mention any **one** effect of water pollution to human health.

.....

c) Give any **one** way of protecting community water sources from pollution.

.....

46. a) Write any **two** principles of Primary Health Care (PHC).

i) .....

ii) .....

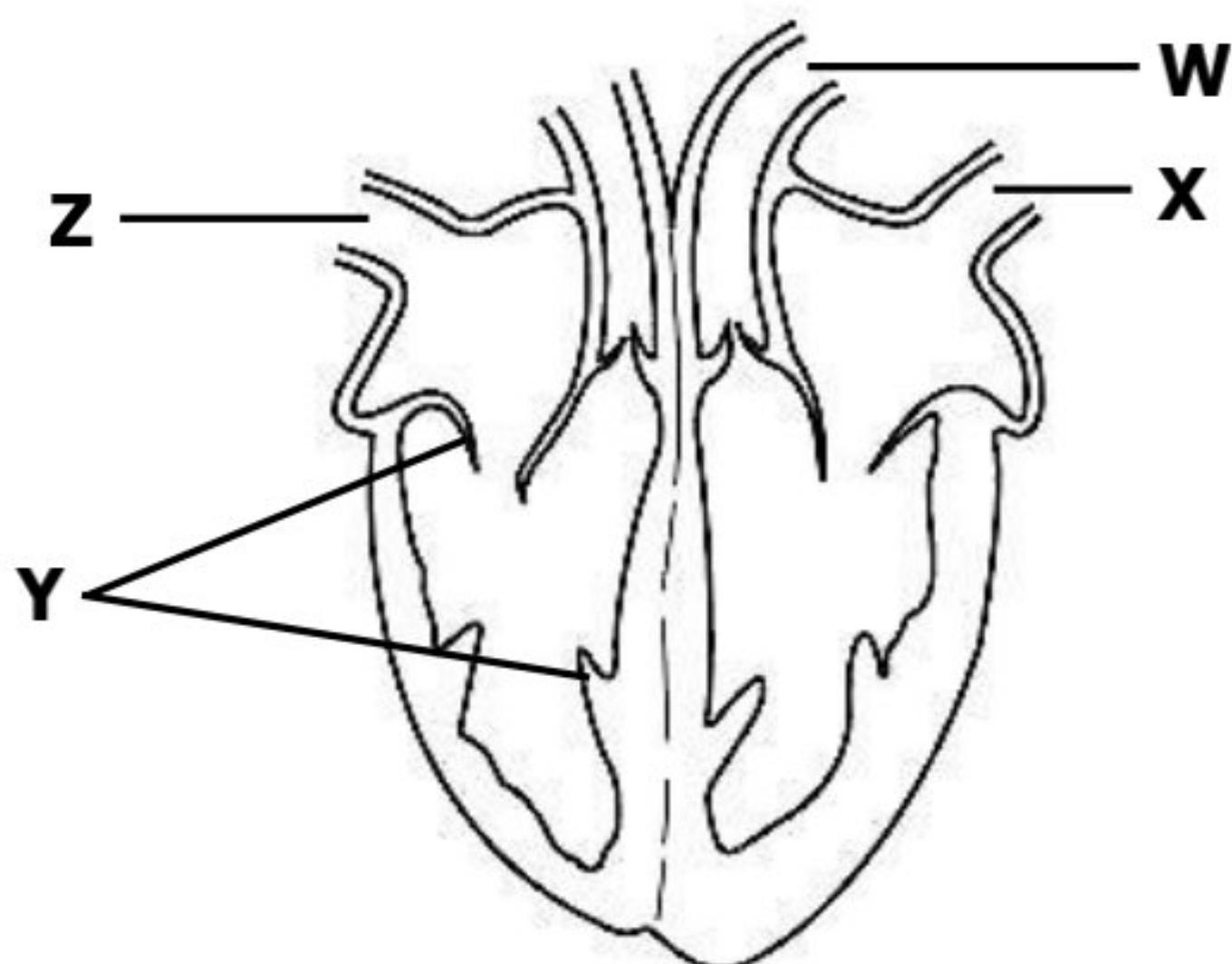
b) Give any **two** things a family can do to promote Primary Health Care (PHC).

i) .....

ii) .....



47. The diagram below shows the cross section of a human heart. Study carefully and use it to answer the questions that follow.



- a) Name the blood vessel labeled **W**.

.....

- b) State the function of the structures labeled **Y**.

.....

- c) Give the difference in blood carried by blood vessel **X** and blood vessel **Z**.

.....

.....

- d) On the diagram above, label the septum.

48. a) Why doesn't sound travel through vacuum?

.....

- b) Apart from nature of the medium, write any **two** other factors which affect the speed of sound?

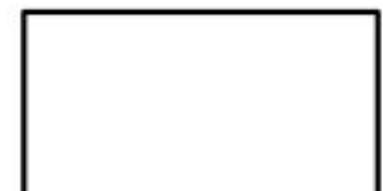
i) .....

ii) .....

- c) Write any **one** method of storing sound.

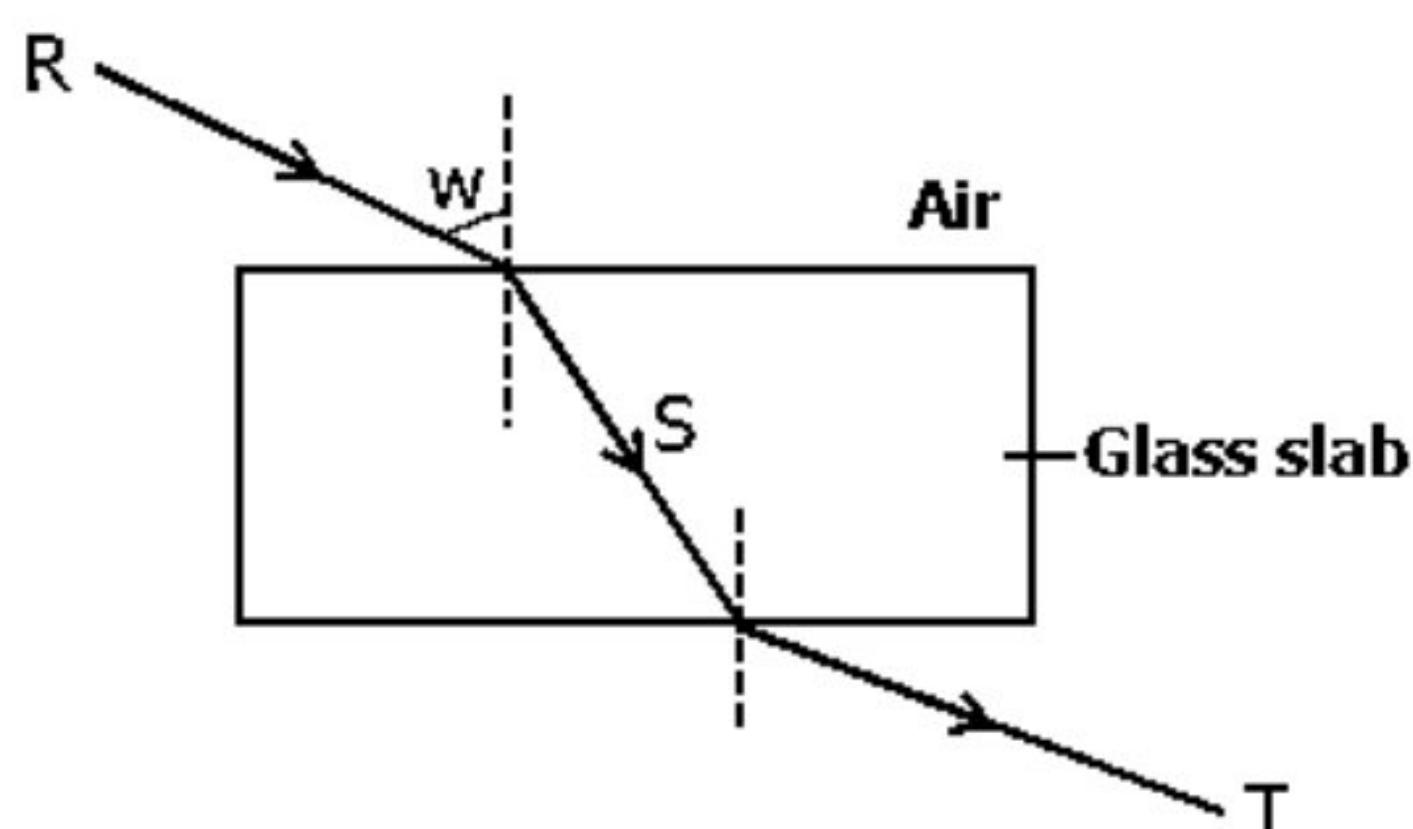
.....

49. a) State the importance of each of the following records in a school woodlot;
- Health records. ....
  - Breeding records. ....
- b) Mention any **two** other types of records that can be kept in a school woodlot.
- .....
  - .....



50. a) Write any **one** cause of food poisoning in our homes.
- .....
- b) List any **two** signs of food poisoning.
- .....
  - .....
- c) Give any **one** way of safeguarding against food poisoning in our homes.
- .....

51. The diagram below shows refraction of light through a rectangular glass slab. Use it to answer questions that follow.



- a) Name the ray of light **R** and **T**.
- R**.....
  - S**.....

b) Name the angle marked **w**.

.....

c) Why does ray of light **T** bend away from the normal?

.....

52. a) Write a reason why piles of tree logs for making charcoal are;

i) Covered with soil .....

ii) Burnt under limited oxygen supply .....

b) Give any **two** ways in which charcoal burning affects the environment.

i) .....

ii) .....



53. In the table below, part **A** shows garden tools and part **B** shows their uses in the wrong order.

| Part A: <b>Garden tools</b> | Part B: <b>Uses of the garden tools</b>     |
|-----------------------------|---|
| Wheelbarrow                 | For cutting excess leaves/branches on crops |
| Garden fork                 | For transplanting seedlings                 |
| Trowel                      | For transporting harvested crops            |
| Secateurs pruner            | For turning manure in a compost pit         |

For each garden tool below, select the correct use from list **B** and write in the space provided below.

a) Wheelbarrow. .....

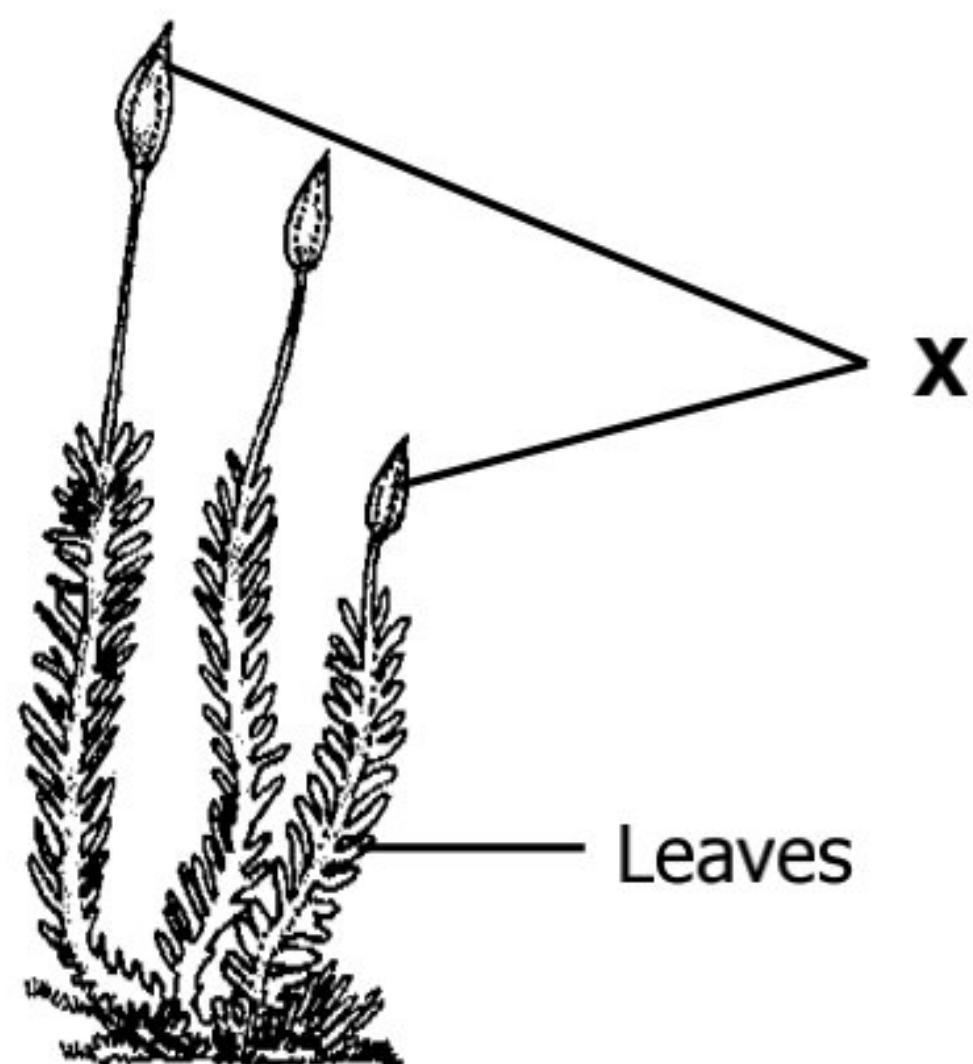
b) Garden fork. .....

c) Trowel. .....

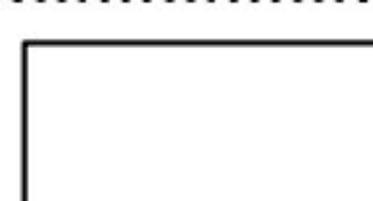
d) Secateurs pruner. .....

54. a) State any **one** way through which a child can acquire;
- Natural immunity .....
  - Artificial immunity .....
- b) Give any **one** importance of immunity in the body.
- .....
- c) In which **one** way is a child health card important to the child's parents?
- .....

55. The diagram below shows a non-flowering plant. Study carefully and use it to answer the questions that follow.



- a) Name the non-flowering plant shown above.
- .....
- b) How is part labeled **X** useful on the above non-flowering plant?
- .....
- c) Name any **two** other non-flowering plants which reproduce in the same as the one shown in the diagram above.
- .....
  - .....



**THE END**

## **SECTION A (40MKS)**

1. Which lake in Uganda is known for flamingo birds?

---
2. Mention the type of farming where a farmer grows perennial crops on a large scale.

---
3. How do lakes and mountains influence rainfall in an area?

---
4. What name was given to the trade between the people of North and West Africa across Sahara desert?

---
5. Mention any one factor that promotes urbanization.

---
6. Name any one natural material used to make a basket.

---
7. Why should parents distribute domestic work fairly among boys and girls?

---
8. Name the group of people who provide education services in our communities.

---
9. Which factor made the missionary work develop faster in Buganda than other parts of Uganda?

---
10. Why were slaves a major item of trade during Trans Atlantic Trade?

---
11. Mention one way the African Union (AU) is protecting human rights.

---
12. State any one way the colonialists benefited from Semei Kakungulu.

---
13. Why do areas near the equator experience higher temperature in March and September?

---
14. Mention one way people living on slopes of Mountain Elgon can manage landslides.

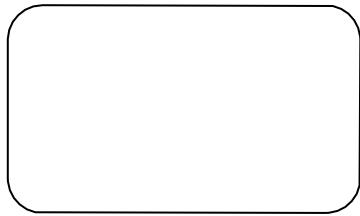
---
15. State any one way through a national language is important in a country.

---
16. Who is the leader of government business in Uganda's parliament?

---
17. State any one way benefit of a low population in a developing country.

---

18. Draw the map of a table in the space provided below.



19. Give one reason why European traders came to Africa.

20. Name the politician who led Malawi to independence.

21. Why is Dar-es-salaam hotter than Kampala yet it is near a large water body?

22. Mention any one reason why there were very few rebellions in areas where indirect rule was used.

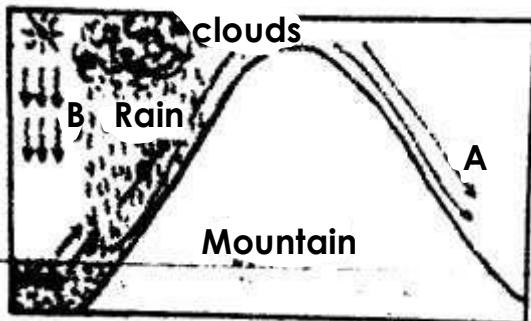
23. Give one reason why it is very important to hold clan meetings.

24. Which organization was replaced by United Nations Organization (UNO)?

25. Give any one factor that causes over spending in a country.

26. Which factor enabled Captain Lugard to Control Buganda?

**Study the diagram below and use it to answer to answer the question No. 27.**



27. Name the side of the mountain marked A.

28. Give any one way farmers can help their crops to grow well during the dry season.

29. State any one way colonialists controlled African's struggle for independence.

30. Give one example of essential needs.

---

31. Mention one way in which Africans benefited from rebellions they staged against colonial rule.

---

32. State one way the East African Community helps land locked countries to carry out trade.

---

33. Give one reason why shadows move from East to West during the course of the day.

---

34. Write U.N.E.P.I in full

---

35. State one way farmers benefit from good climate in an area.

**FOR QUESTIONS 36 – 40, ANSWER EITHER CHRISTIANITY OR ISLAM BUT NOT BOTH ALTERNATIVE NUMBERS.**

36. **EITHER:** Why do Christians celebrate Christians?  

---

**OR:** Why do Muslims celebrate Eid-el-fitr?  

---
37. **EITHER:** In which parable did Jesus Christ teach good neighbours?  

---

**OR:** Which pillar in Islam promotes good relationship among Muslims?  

---
38. **EITHER:** How was Nazareth important to the life of Jesus Christ?  

---

**OR:** How was Mecca important to the life of Prophet Muhammad?  

---
39. **EITHER:** How do Christians use their wealth to appreciate God?  

---

**OR:** How do Muslims use their wealth to appreciate Allah?  

---
40. **EITHER:** Why should you as a Christian pray for others?  

---

**OR:** Why should you as a Muslim pray for others?  

---

---

**SECTION B (60 Marks)**

41. a). What is waste management?  

---

---

b). Give any two methods of managing waste.

i) \_\_\_\_\_

ii) \_\_\_\_\_

c). Which body in Uganda is responsible for sewerage management?

42. a). Mention any two historical sites located on shores of Lake Victoria.

i) \_\_\_\_\_

ii) \_\_\_\_\_

b). In which one way are historical sites important to the people of East Africa?

c). State any one similarity between historical sites and kingdoms.

43. **Study the table below showing the climate of a place and answer questions that follow.**

| Month          | J   | F   | M   | A  | M  | J  | J  | A  | S  | O  | N   | D   |
|----------------|-----|-----|-----|----|----|----|----|----|----|----|-----|-----|
| Rainfall in MM | 200 | 175 | 100 | 25 | 20 |    |    |    |    | 50 | 100 | 157 |
| Temp.          | 26  | 24  | 24  | 23 | 21 | 20 | 20 | 20 | 21 | 24 | 24  | 22  |

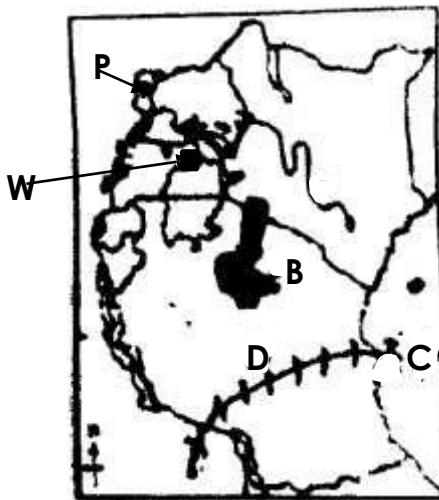
a). In which month was the highest amount of rainfall received?

b). What was the temperature range?

c). Which type of climate is demonstrated in the table above.

d). Name the general description of the type climate in the table above.

44. **Study the sketch map of East Africa below and answer questions about it.**



a). Name the National game park marked B.

b). Which cash crop is grown in area marked P?

---

c). Why was the railway line marked D constructed up to town C?

---

d). Mention the forest found on the place marked W on the map.

---

45.a). What is democracy?

---

b). State two ways in which democracy is practiced in Uganda?

i) \_\_\_\_\_

ii) \_\_\_\_\_

c). Mention one way people mis-use democracy today.

---

46.a) Name the most important resource in the environment.

---

b). Give one reason why minerals are referred to as resources.

---

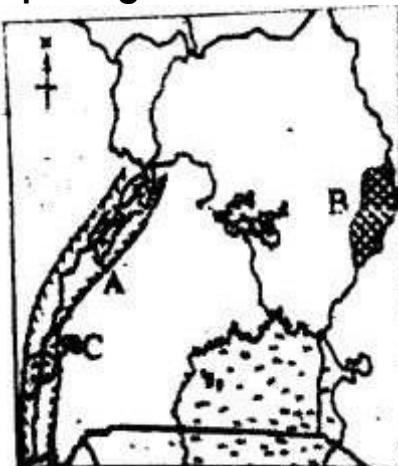
c). How do people benefit from climate as a resource?

---

d). State one benefit of renewable resources.

---

47. **Study the sketch map of Uganda below and answer questions about it.**



a). Name the rift valley marked A on the map.

---

b) Why is area B highly populated?

---

c) Which lake is marked C?

---

d) Draw the equator line on the map.

48.a) State two factors that cause different vegetation zones in Africa.

i) \_\_\_\_\_

ii) \_\_\_\_\_

b). Give two ways the tourism industry is important in a country.

i) \_\_\_\_\_

ii) \_\_\_\_\_

49.a). Which government programme in Uganda was introduced to reduce illiteracy.

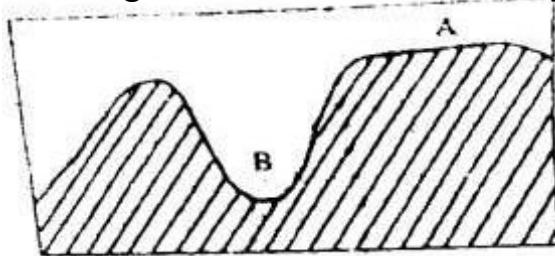
b). State any one way illiteracy affects the following sectors.

i) Agriculture

ii) Modern communication

c). Give any one reason why illiteracy levels are higher among girls than boys in Africa.

50. **Study the diagram below and answer questions that follow.**



a). Name the physical features marked A and B.

i) \_\_\_\_\_ A

ii) B \_\_\_\_\_

b). Give any one reason why people prefer staying in area marked A.

c). State any one problem people who stay in area B face.

**FOR QUESTIONS 51 – 55, ANSWER EITHER CHRISTIANITY OR ISLAM BUT NOT BOTH ALTERNATIVE NUMBERS.**

51. **EITHER:** a) What is temptation according to the Bible?

b). Give any two ways the devil brings temptations to Christians today.

i) \_\_\_\_\_

ii) \_\_\_\_\_

c). Mention any one way Christians can resist temptation by the devil.

**OR:** a) What is temptation to Islam?

b). Give any two ways the devil brings temptations to Muslims today.

i) \_\_\_\_\_

ii) \_\_\_\_\_

c). Mention any one way Muslims can resist temptation by the devil.

---

52. **EITHER:** a). Name the river where Jesus was baptized.

---

b). What did the dove represent during Jesus' baptism?

---

c). State any one reason why water is used in baptism.

---

d). What happens to a believer when he or she is baptized?

---

**OR** a). Name the symbol of purity in Islam.

---

b). State any one reason why Muslims perform the act above.

---

c). What happens to a Muslim believer after performing the symbol of purity in (a) above?

---

d). State any one reason why it is important for every male Muslim should perform the act of purity.

---

53. **EITHER:** a). State any two reasons why Christians take Jesus Christ as their personal saviour.

i) \_\_\_\_\_

ii) \_\_\_\_\_

b). Give any one reason why Jesus Christ is referred to as God by Christians.

---

c). Mention any one way why Jesus Christ suffered in order to save mankind.

---

**OR:** a). Give any two reasons why Muslims take Prophet Muhammad as a true Prophet of Allah.

i) \_\_\_\_\_

ii) \_\_\_\_\_

b). For how many days do Muslims fast?

---

c). Name Muhammad's father.

54. **EITHER:** Match people in List A to items in List B.

**List A**

i). Prophet Isaiah

**List B**

Set free from prison at a time Jesus Christ had been arrested.

ii). John the Baptist

Wanted to kill baby Jesus.

iii). King Herod

Prophesied the birth of Jesus Christ.

iv). Barabbas

Prophesied the way of the coming of the Messiah.

i). Prophet Isaiah

---

ii). John the Baptist

---

iii). King Herod

---

iv). Barabbas

---

**Or:**

**List A**

i) Sahur

**List B**

Night prayers during Ramadhan.

ii) Iftra (Futari)

Marks the end of Ramadhan

iii) Salat Tarawih

A meal eaten at night in preparation of fasting the following day.

iv). Eid-al-Fitr

Meal eaten to breakfast.

i) Sahur

---

ii) Iftra (Futari)

---

iii) Salat

---

iv). Eid-al-Fitr

---

55. **EITHER:** a). Give any two ways a church is important in any society.

i) \_\_\_\_\_

ii) \_\_\_\_\_

b). State any two ways of caring for churches in our society.

i) \_\_\_\_\_

ii) \_\_\_\_\_

**Or:** a). Give any two ways a mosque is important in any society.

i) \_\_\_\_\_

ii) \_\_\_\_\_

b). State any two ways of caring for mosques in our society.

i) \_\_\_\_\_

ii) \_\_\_\_\_

## SECTION A (40MKS)

1. Name the part of the ear that maintains body posture.

---

2. What is the major role of leaves on plants?

---

3. Give one use of antennae to an insect.

---

4. How does heat travel vacuum?

---

5. Why does a millet farmer need sunshine?

---

6. In what state of matter is water vapour?

---

7. Which element of PHC caters for casualties?

---

8. What is the gestation period of a sow?

---

9. How can a family protect children from nutritional deficiency diseases?

---

10. Calculate the mass of an object whose volume is 15cc and density of 2g/cc

11. Why is it good to chew food properly before swallowing it?

---



12. Name one example of birds with such a beak shown above.

---

13. Explain why farmers are encouraged to plant leguminous crops during crop rotation?

---

14. Which part of air is needed for burning to take place?

---

15. Suggest one excuse people in your village give for drinking alcohol.

---

16. Name the exotic breed of goats kept for milk production.

---

17. What do you understand by the term "germination"?

---

18. What eye disease do the Chlamydia germs spread?

---

19. Apart from weaning babies, give one other example of vulnerable people.

---

20. Why is the government of Uganda seriously giving its people free mosquito nets through VHT's?

---

21. By what process is food broken down into simple soluble substances which can be absorbed into the body?

---

22. Why is melting of ice to water considered to as a physical change?

---

23. Give one reason why roughages should be included in our diet.

---

24. Name the type of soil used for modelling.

---

25. Why does a piece of paper float on water?

---

26. Give a reason why farmers debeak their birds.

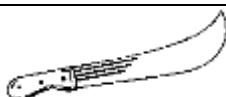
---

27. Give one role of the worker bee in a hive.

---

28. Why do earth worms come out of the ground immediately after it has rained?

---



29. Of what importance is the garden tool drawn above?

---

30. Give one example of an egg laying mammal.

---

31. How does yeast reproduce?

---

32. Give one importance of blood plasma in the body?

---

33. How does a turtle protect itself?

---

34. Suggest one advantage of mulching.

---

35. Give one importance of transpiration to plants.

---

36. What is immunity?

---

37. Name any one dangerous chemical found in tobacco.

---

38. Write one characteristic of essential drugs.

---

39. Why do objects thrown in air come back on the ground?

---

40. Why is a mushroom not a plant?

---

### **SECTION B (60 Marks)**

41.a). What is First Aid?

---

b). Give two qualities of a good First Aider.

---

i) \_\_\_\_\_

---

ii) \_\_\_\_\_

---

c). Who is a casualty?

---

42. **Below is illustration of a family planning method. Use it to answer the questions that follow.**



that follow.

a). Name the family planning method shown above.

---

b). State two reasons why men are encouraged to use the method shown above.

---

i) \_\_\_\_\_

---

ii) \_\_\_\_\_

---

c). Mention one reason why men fear the family planning method shown above.

---

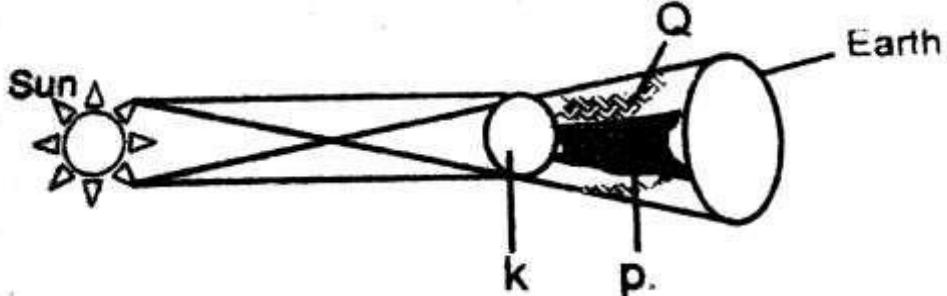
43.a). What are weeds?

b). Give two disadvantages weeds in a garden

- i) \_\_\_\_\_
- ii) \_\_\_\_\_

c). Write down one way of controlling weeds in the garden.

44. The diagram below shows one of the types of eclipse, study it and answer the questions that follow.



a). Name the type of eclipse shown above.

b). Name the shadow labelled;

- i) P \_\_\_\_\_
- ii) Q \_\_\_\_\_

c). Which body is labelled K.

45.a). What is temperature?

b). What is the normal body temperature of a person?

c). Change 40°C to Fahrenheit scale (2mks)

46. Match the diseases to their crops correctly.

- |                     |             |
|---------------------|-------------|
| i) Panama           | tomatoes    |
| ii) Tomato blight   | cassava     |
| iii) Cassava mosaic | ground nuts |
| iv) Rosette         | bananas     |
- 
- |                     |       |
|---------------------|-------|
| i) Panama           | _____ |
| ii) Tomato blight   | _____ |
| iii) Cassava mosaic | _____ |
| iv) Rosette         | _____ |

47.(a). What are aquatic animals?

---

b). Mention any two examples of aquatic animals.

- i) \_\_\_\_\_  
ii) \_\_\_\_\_

c). Mention one common place where aquatic animals live.

---

48.a). Give two common characteristics between reptiles and birds.

- i) \_\_\_\_\_  
ii) \_\_\_\_\_

b). How do the following protect themselves?

- i) Tortoise \_\_\_\_\_  
ii) Millipede \_\_\_\_\_

49. a). What is an accident?

---

b). Write down any one cause of road accidents.

---

c). State any two reasons for giving First Aid.

- i) \_\_\_\_\_  
ii) \_\_\_\_\_

50. **Use the table below to answer questions that follow.**

| List A  | List B   | List C   | List D    |
|---------|----------|----------|-----------|
| Kite    | Monkey   | Tortoise | Housefly  |
| Ostrich | Rat      | Snake    | Cockroach |
| Vulture | Man      | Lizard   | Rickets   |
| Hen     | Kangaroo | Gecko    | Moths     |

a). How is the gecko in group C able to walk upside down on the ceiling?

---

b). What type of fertilization do animals in list B undergo?

---

c). Why are animals in list C said to be cold blooded?

---

d). To which group of vertebrates do animals in list A belong?

---

51.a). **Explain the following terms briefly;**

- i). Active smoking
-

ii) Passive smoking

---

---

b). Which body organ is greatly affected by smoking?

---

c). State the name given to one of the chemical substances found in tobacco.

---

52. a). State one role of a health prefect in your school.

---

b). Identify one activity during a health parade.

---

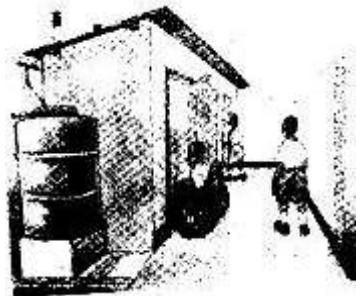
c). Give one reason why school children bathe regularly.

---

d). Why do we use soap when washing clothes?

---

53. **The diagram below shows a sanitation area. Use it to answer questions that follow.**



a). Name the sanitation area shown above.

---

b). Give one importance of the sanitation area shown above.

---

c). Mention one common health practice commonly done after visiting the latrines.

---

d). Give any one material used for washing the hands.

---

54.a) Write STIs in full.

---

b). Mention one example of STIs.

---

c). Why are STIs said to be communicable diseases?

---

d). Which STI causes blindness in babies?

---

**55. Match the blood vessels in list A to their functions in list B**

A

B

i) Veins

Carry oxygenated blood from the heart to all parts of the body.

ii). Arteries

Carry blood away from the heart.

iii). Pulmonary artery

Carry blood towards the heart.

iv). Pulmonary vein

Carry de-oxygenated blood from the heart to the lungs.

i) Veins

---

ii). Arteries

---

iii). Pulmonary artery

---

iv). Pulmonary vein

---

## SECTION A – SUB SECTION ONE (30 Marks)

**For questions 1 – 5, complete the following sentences with the most suitable word.**

1. Bandag uses the dictionary to look \_\_\_\_\_ meanings of new words.
2. Our sheep gave birth to a lovely \_\_\_\_\_ yesterday.
3. Celeb will not board the bus \_\_\_\_\_ he fails to get the required fare.
4. The girl has \_\_\_\_\_ sorry for the mistakes she made.
5. \_\_\_\_\_ car was stolen from the school compound on our sports day?

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

6. Candidates need wall clocks for \_\_\_\_\_ themselves in examination rooms. (time)
7. Some of the people in town are daily \_\_\_\_\_. (beg)
8. Susan was the \_\_\_\_\_ of the two proposers in the debate. (loud)
9. What a \_\_\_\_\_ injury I got in the accident! (pain)
10. A clean boy \_\_\_\_\_ himself with clean water daily. (bathing)
11. The builders have used cement and bricks to \_\_\_\_\_ the perimeter wall. (strong)
12. All the contestants campaigned \_\_\_\_\_ until the day of elections in the school. (hopeful)
13. Rajab will receive his \_\_\_\_\_ from the post office tomorrow. (invite)
14. Every \_\_\_\_\_ has a right to go to school. (children)
15. A sister of \_\_\_\_\_ cannot get married in their family. (us)

**For questions 16 and 17, use each of the given words in a sentence to show that you know the difference in their meaning.**

16. pull

17. pool

**For questions 18 – 20, rewrite the sentence giving one word of the underlined word.**

18. I usually go to the place where vehicles are repaired and maintained.

19. These two babies born of one mother at the same time are very beautiful.

20. Gaga rears very many hens and cocks.

**For questions 21 and 22, give the singular of the given words.**

21. bullies

---

22. radios

---

**For questions 23 and 24, rearrange the given in alphabetical order.**

23. bell, bull, ball, bill

---

24. ancestor, answer, aunt, account

---

**For questions 25 and 26, rewrite the sentences giving the opposite for the underlined group of words.**

25. She must not clean the classroom.

---

26. He is a very honest cashier.

---

**For questions 27 and 28, write the given abbreviations in their full forms.**

27. RSVP

---

28. vol.

---

**For questions 29 and 30, rearrange the given words to form a meaningful sentence.**

29. not play It road on good is the to.

---

30. the way me May to you shop the show?

---

#### **SECTION A – SUB SECTION TWO (20 Marks)**

**For questions 31 - 50, rewrite the sentences as instructed in the brackets.**

31. If our cow delivers this month, we shall stop buying milk from the diary.

(Begin: Unless \_\_\_\_\_)

---

32. The police woman has been promoted. We spoke to her yesterday.

(Use: \_\_\_\_\_ whom \_\_\_\_\_)

---

33. Specioza thanked God as soon as her PLE results were released.

(Use: \_\_\_\_\_ immediately \_\_\_\_\_)

---

34. Children should wash utensils. They should also fetch water. (**Begin: Not only** \_\_\_\_\_)

---

35. It was not necessary for Nasur to board a bus to the market.  
(**Use:** \_\_\_\_\_ **needn't have** \_\_\_\_\_)

---

36. My grandfather is strong enough to knead the dough alone.  
(**Use:** \_\_\_\_\_ **so** \_\_\_\_\_ **that** \_\_\_\_\_)

---

37. Every time that the weather gets cold, Kato wears a heavy sweater.  
(**Use:** \_\_\_\_\_ **whenever** \_\_\_\_\_)

---

38. "What have your brothers carried for breakfast today?" the teacher asked Aisha.  
(**Use:** \_\_\_\_\_ **wanted to know** \_\_\_\_\_)

---

39. Ojambo prefers joining the MDD club to belonging to the debating club.  
(**Use:** \_\_\_\_\_ **would rather** \_\_\_\_\_)

---

40. Waiswa speaks Luganda. He also speaks Ateso. (**Begin: Besides** \_\_\_\_\_)

---

41. Are you the owner of those new garments? (**Begin: Do those** \_\_\_\_\_)

---

42. Byarugaba may spend his Christmas holiday with his elder sister. (**Use:** likely \_\_\_\_\_)

---

43. As we live long on earth, we enjoy good things. (**Begin: The longer** \_\_\_\_\_)

---

44. Even though she scored very low marks in English, she did not lose hope in it.  
(**Use:** \_\_\_\_\_ **in spite** \_\_\_\_\_)

---

45. Clare's aunt wrote something on the envelope, didn't she? (**End:** \_\_, did she?)

---

46. It is very risky to cross busy roads while you are running. (**Begin:** To cross \_\_\_\_\_)

---

47. The class teacher advised us to protect the environment. (**Begin:** We were \_\_)

---

48. Ms. Amooti will arrive at the stadium before midday. (**Use:** \_\_\_\_\_ reach \_\_)

---

49. Nobody helped Draru to load airtime on her mobile phone. (**End:** \_\_ herself.)

---

50. Salt is not as expensive as sugar in this supermarket. (**Use:** \_\_\_\_\_ than \_\_\_\_\_)

---

#### **SECTION B ( 50 Marks)**

51. **katalang, a P.7 candidate of Tendere Junior School wrote a letter to her guardian who works at Zuso Post Office. She reported Malapi Ojangole for bullying her. Read the letter and use it to answer questions that follow in full sentences.**

Michezo Road  
P O Box 717  
Tendere

12<sup>th</sup> June, 2023

Dear Aunt,

I hope you are enjoying your new job as a cashier at Zuso Post Office. I am delighted to write to you after a long time of silence. Here at school, things are not okay for me.

Aunt, there is a boy bullying me at school. He tells other pupils that I am an orphan and that I am not supposed to be in school. He grabs my snacks during break time and he threatens to kill me if I report to the class teacher.

Aunt Maxtabel, I request you to come to school and save me from this boy. Imagine I have spent three days without breakfast because of the same boy. Last week he poured dust into my eyes. I failed to do the English homework. When I reported to

our class teacher, Ms. Parvin Bwarabwara, he pulled my ears. He also promised to make me miss my mock examinations. This has frightened me, Aunt.

At school, our teachers advise us to love one another, but Malapi does not listen to them. He takes advantage of his big size to bully small pupils like me. He says he is stronger than all other boys in the school. He orders them to fetch water for him. Every boy in their dormitory fears him. Malapi is like a monster. He is merciless my dear.

Aunt, make sure you come immediately you receive this letter from Schola Nyafanta, my classmate today. Just know I like my school because there is respect for children's rights here. Teachers guide us to know our responsibilities as well, but there is bullying at this school. I wish the head teacher can expel all the bullies from our school. Tell my cousins that bullying is bad and discipline is the key to success. I wish you all the best at your new work place. Meanwhile, I look forward to seeing you soonest.

Your affectionate niece,  
Zubedda Katalang

**QUESTIONS**

a) What is the name of the writer's school?

---

b) When did Katalang write this letter?

---

c) To whom did Katalang address her letter?

---

d) Which boy bullies Katalang at school according to the letter?

---

e) In which way does the boy bully Katalang?

---

f) Why do you think the writer's teachers advise them to love one another?

---

g) How do we know that the writer goes to a boarding school?

---

h) Who was sent to deliver the letter to the writer's guardian?

---

i) What should the head teacher do to please the writer of the writer?

---

j) What shows that there is no child abuse in the writer's school?

---

52. **The table below shows the customers who opened savings accounts. They opened the accounts in 2023. They did so at Tiktok Development Bank. Study it carefully and answer the questions that follow in full sentences.**

| S/No. | Name of Customer  | Age | Sex | Address         | Cashier's Remarks   |
|-------|-------------------|-----|-----|-----------------|---|
| 1.    | Awiyanga Pamela   | 32  | F   | Mwogo Town      | Account opening successful.                                   |
| 2.    | Otengo Charles    | 24  | M   | Rabwo Village   | Account opening failed invalid identity card presented.       |
| 3.    | Naminaka Ramathan | 89  | M   | Nanga Parish    | Helped to fill forms for account opening.                     |
| 4.    | Okongo Brian      | 35  | M   | Were Road       | Reactivated account for five years of no use.                 |
| 5.    | Tuula Seth        | 40  | M   | Biero ward      | Account opening successfully done.                            |
| 6.    | Nyiger Ronitah    | 14  | F   | Rabwo Village   | Customer's information rejected in the computers.             |
| 7.    | Kilapembe Jamira  | 20  | F   | Malawa Town     | Account successfully opened.                                  |
| 8.    | Ateba Hodever     | 18  | F   | Pesa Town       | Account opened and ATM card received.                         |
| 9.    | Njiwa Cate        | 37  | F   | Mawundo Village | Account opening successful.                                   |
| 10.   | Akuru Josephat    | 26  | M   | Paya Road       | Customer to return later; process stopped by network failure. |
| 11.   | Nyange Andrew     | 45  | M   | Gweno Town      | Account successfully opened.                                  |
| 12.   | Kisoolen Donald   | 42  | M   | Tele Village    | Customer successfully opened a saving account.                |

**Questions:**

a) What does the above table show?

---

b) Which customer did not have a valid identity card?

---

c) From which village did Njiwa Cate come?

---

d) How many female customers succeeded in opening savings accounts?

---

e) Why do you think Nyiger Ronitah's information was rejected in the computers?

---

f) What name is given to the card that Ateba Hodever received?

---

g) Of what age was Tuula Seth, according to the table?

---

h) What made Akuru Josephat's account opening to stop for some time?

---

i) Whose account had to be reactivated by the cashier?

---

j) Why was Naminaka Ramadhan unable to fill the forms by himself?

---

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

I am proud of my beautiful village  
A village where the environment matters  
For everybody plants trees voluntarily  
And protects the golden green beauty  
That God gave us everywhere.

I am proud of my village  
The beautiful, Bafemere Village  
A village where rain falls annually  
And brings good news to the farmers  
For their crops and animals have water.

I am proud of my village  
A village where floods never happen  
For forests and swamps are protected  
And rains have no room to destroy  
People's gardens, houses and so on.

I am proud of my beautiful village  
The village where garbage is dumped  
And carefully burnt in rubbish pits  
Without plastics that would release toxic smoke  
Everybody cares for our environment  
Oh! I love Bafemere, my beautiful village

### **Nufutekema Eugenia**

#### **QUESTIONS;**

a) What makes the writer of the poem proud?

---

b) How do people in the writer's village plant trees?

---

c) What does everybody protect in the writer's village?

---

d) In which village does the writer's village live?

---

e) Why are the farmers in the village happy?

---

f) What problem would the writer's village have if forests and swamps were cleared?

---

g) Where is the garbage burnt from according to the poem?

---

h) Give another word or group of words with the same meaning as these words used in the poem.

i)

annually

ii)

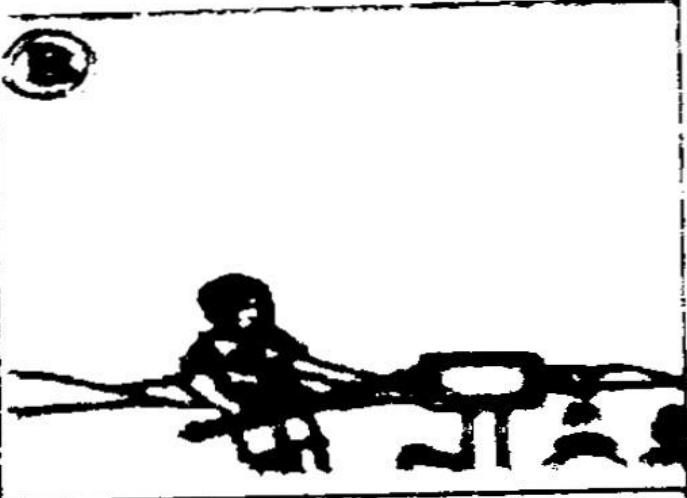
garbage

i) What is the name of the writer of this poem?

---

54. In 100 – 150 words, write a composition about the wedding ceremony you attended during holidays. Mention where the wedding took place, who presided over the wedding ceremony, the day wedding happened, the people who attended the wedding and what you liked about the wedding ceremony.

55. The pictures A to F tell a story. Study them and in one sentence describe what is happening in each picture. You may use these words to help you.  
(blaming, football, pumping, run away, containers, father, hit, friends, walk back, cry, broken, bore hole)



r t l

**QUESTIONS:**

a) Picture **A**

---

b) Picture **B**

---

c) Picture **C**

---

d) Picture **D**

---

e) Picture **E**

---

f) Picture **F**

---

g) From which source are the children fetching water in the picture?

---

h) Why has the boy stopped on the way after picture C?

---

i) What happened to the boy's pot of water in picture D?

---

j) Why do you think the boy's friends ran away after breaking the pot?

---

## **SECTION A (40 MARKS)**

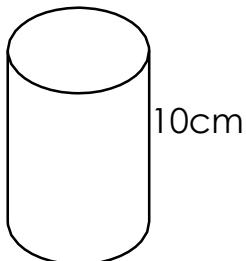
1. Workout:  $38 \times 4$
  2. Solve  $3 - k = 5$
  3. Write CXLIX in words.
  4. Work out:  $3 - 4 = \text{-----}$  finite 7
  5. Find the next two numbers in the sequence.  $1, 3, 6, 11, 18, \text{_____}, \text{_____}$
  6. The G.C.F of two numbers is 6 and their L.C.M is 72. If one of the numbers is 18, find the second number.

7. A fifty minute meeting started in the morning at the time shown on the clock face below. At what time did it end?



8. Given that set  $K = \{b, a, g\}$ . How many proper subsets are in set  $K$ ?

9. The base area of the cylindrical tin below is  $154\text{cm}^2$ . Find its volume.

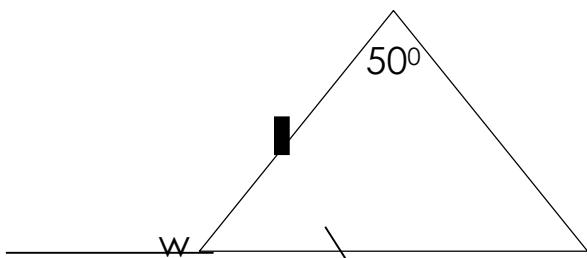


10. Musa has 180 mangoes. He then arranges them in heaps of 5 mangoes, selling each heap at Shs2,000. How much money will he earn from all the mangoes?

11. The probability that Joy will pass her mock exams is  $\frac{3}{5}$ . What is the probability that she will fail her mock exams?

12. Work out:  $\frac{3}{4}$  of  $8 - 12 \div 6$

13. Calculate the size of the angle marked with  $w$  in the figure below.



14. At a Riham cola factory, bottles are packed in packets of 12 bottles each, if they pack 500 packets a day, how many bottles are packed in a week?

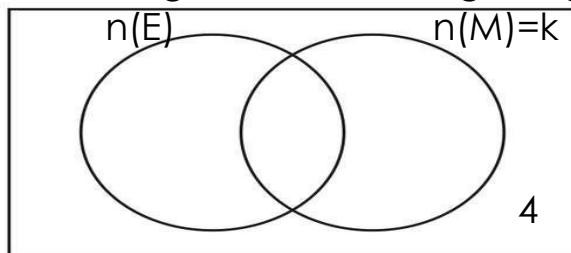
15. Work out:  $110_{\text{two}} \times 11_{\text{two}}$

16. Simplify  $5 - 3(2k - 3) - 7k$

17. Find the sum of the value of 8 and the value of 4 in the number 286.43.
18. Juliet got 10 wrong answers in a test set out of 40 questions. What was her percentage score?
19. Mukasa was given a bundle of five thousand shilling notes numbered from HK 284295 to HK 284334 consecutively. How much money was he given?
20. Given that  $a = 8$ ,  $b = 9$  and  $c = 6$ . Find the value of  $\frac{a+b}{c}$ .

### **SECTION B (60MARKS)**

21. In a class of 40 pupils, 25 pupils like English (E),  $k$  pupils like Maths (M), 10 like both Maths and English while 4 pupils like neither of the two subjects.
- a). Complete the Venn diagram below using the given information. (2mks)



b). How many pupils like Maths? (3mks)

22. Opie went for shopping and bought the following items.

- 4 kgs of rice at Shs3,500 per kg.
- 2 kgs of ground nuts at Shs10,000
- 25 tomatoes at Shs1,000 for every 5 tomatoes
- 500gm of onions at Shs2,000 per 250gms.

a). Workout his total expenditure. (3mks)

b). If he went back home with Shs7,000=, how much money did he have at the beginning? (2mks)

23.a). Simplify  $\frac{0.12 \times 4.8}{0.3 \times 0.6}$  (2mks)

b). Simplify:  $\frac{1}{4}$  of  $\frac{2}{3} + \frac{3}{4}$  (3mks)

24.a). The perimeter of a semi-circular pound is 72m. Find its radius. (3mks)

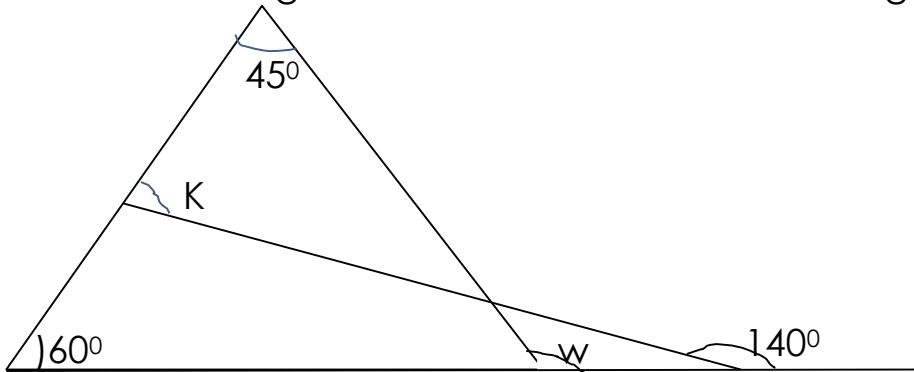
b). Find the amount of money needed to fence the pound if the poles are to be 200cm apart and the cost of the pole is Shs5,000. (2mks)

25.a). Solve for W:  $5(3w - 2) - 2(2w - 3) = 40$  (3mks)

b). Solve and find the solution set for  $+4 \geq +2 - 3x \geq -7$  (2Mks)

26. Dan left town **A** for town **B** at 60km/hr. He rested for 2hrs. He continued to town **C** covering 80km at 40km/hr. He rested for 30 minutes and returned to town **B** in only  $\frac{1}{2}$  hr. Find his average speed for the whole journey. (5mks)

27. Use the figure below to answer the following questions.



a). Find the value of W. (2mks)

b). Find the value of K. (2mks)

28. The table below shows marks obtained by candidates in the Real-P.L.E.

| Marks         | 40 | 55 | 75 | 60 | 80 |
|---------------|----|----|----|----|----|
| No. of pupils | 3  | 4  | 4  | 2  | 1  |

a). How many candidates sat for the Real-P.L.E? (1mk)

b). Find the range of marks. (1mk).

c). Work out the mean mark. (3mks)

29.a). At a birth day party, Jane, Mercy and Doreen contributed some money in the ratio of 3:2:5 respectively. If Doreen contributed Shs45,000. What was their total contribution? (3mks)

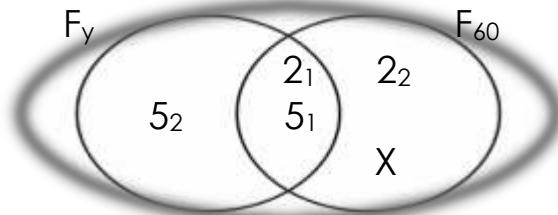
b). What was Jane's contribution? (2mks)

30. A trader bought a 50kg bag of sugar at Shs200,000. At what price must a trader sell each kilogram in order to get a profit of 20%? (4mks)

31.a). The sum of three consecutive even numbers is 96. If the highest number is  $n$ . Find the value of  $n$ . (3mks)

b). Find the product of the highest and the lowest number. (1mk)

32. Study the Venn diagram below and use it to answer the questions that follow.



a). Find the value of Y. (2mk)

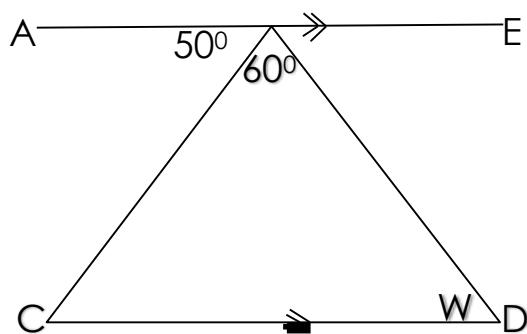
b). Find the value of X. (3mks)

c). Find the G.C.F of Y and 60. (1mk)

b). Find the L.C.M of Y and 60. (1mk)

## **SECTION A (40 MARKS)**

1. Workout:  $201 + 21$
2. Write 49 in Roman numerals.
3. Find the next number in the series; 1, 4, 9, 16, \_\_\_\_\_.
4. How many pieces of string of 5cm can be obtained from a string of 2.5m?
5. The probability that Becky will pass Mock exams is 0.8. What is probability he will fail mock exams?
6. In the diagram below, AE is parallel top CD. Find the size of angle marked W.



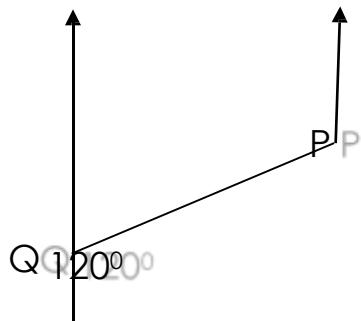
7. Set R has 15 proper subsets, how many elements are in set R?
8. The temperature of Kisoro was  $-5^{\circ}\text{C}$  and then that of Mbarara was  $27^{\circ}\text{C}$ . What is the difference in the temperature of the two places?
9. Change  $123_{\text{five}}$  to decimal base.
10. Calculate the circumference of a circle whose diameter is 28cm.
11. Write "Eight hundred two thousand four" in figures.
12. Work out  $(0.8 \times 25) + (75 \times 0.8)$

13. Factorize completely  $2ab - 4a$ .

14. The ratio of red pens to blue pens in the box is 2:3 respectively. How many red pens are in the box if there are 15 blue pens in the box?

15. Express 8000 in scientific form.

16. Find the bearing of Q from P. in the figure below.



17. Given that stands for 25 balls. How many balls are represented by ?

18. The average weight of 5 pupils is 30kg when their teacher joins them, their teacher joins them, their average weight becomes 36kg. Find the weight of the teacher.

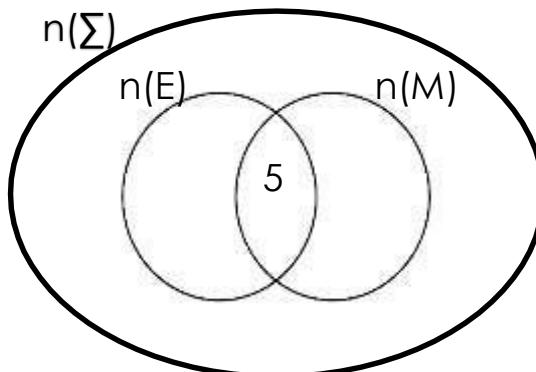
19. Akot covered a distance of 80km in only 45 minutes. Calculate the speed at which he was driving.

20. Solve  $5 - 3(y - 1) = 17$

### **SECTION B (60MARKS)**

21. In a class, 20 students passed English (E),  $(k+32)$  passed Maths (M) only, 5 pupils passed both subjects and  $(2k - 4)$  pupils failed both English and Maths.

a). Complete the Venn diagram below using the information above. (2mks)



b). Find the value of K if 16 pupils failed both subjects. (2mks)

c). How many pupils passed Maths? (1mks)

22. At a certain construction firm, three trucks A, B and C were used to deliver sand at intervals of 30minutes, 40minutes and 50minutes respectively.

a). After how long do the three trucks deliver at the same time? (3mks)

b). If they last delivered together at 10:30am. At what had they previously delivered the sand? (2mks)

23. The table below shows marks scored by a group of selected pupils.

a). Complete the table. (3mks)

| Marks | No.pupils | Total |
|-------|-----------|-------|
| 50    |           | 200   |
| 85    | 2         |       |
|       | 3         | 180   |
| 95    |           | 190   |
| 100   | 1         | 100   |

b). How many pupils scored marks above average? (2mks)

24. a). The diameter of a wheel of a motorcycle is 35cm. Find the number of revolutions the wheel makes to cover a journey of 33km. (2mks)

b). If the motorcyclist covers 110m per minute, how long will the journey of 33km take? (Give your answer in hours.) (3mks)

25. Mr. Okododiti went to Kumi supermarket and bought the following items.

- 2kg of sugar at Shs8,000
- 4 loaves of bread at Shs4,500 per loaf.
- 6litres of milk at Shs1,500 per litre.
- 500gms of tea leaves at Shs1,000.

If he went with a fifty thousand shillings note, calculate his change. (5mks)

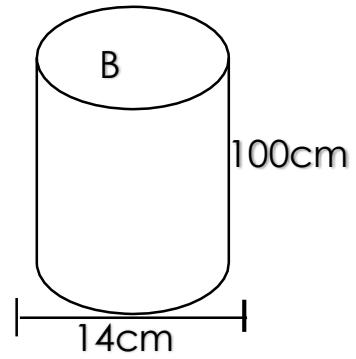
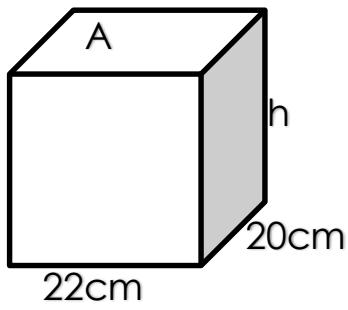
26.a). Musoke left town A at 6:30am and drove to town B at 80km/hr for 3 hours. He then continued to town C at 30km/hr for 2 hours. When did he reach town C? (2mks)

b). What was Musoke's speed for the whole journey? (3mks)

27.a). Simplify:  $\frac{1.8 \times 2.4}{2.7+0.9}$  (3mks)

b). Write  $5.68 \times 10^{-2}$  as a single number (2mks)

28. The tanks below can hold the same amount of water when completely full. Study them with care and answer the questions that follow.



a). Calculate the value of h. (3mks)

b). How many litres of water does tank A hold?

(2mks)

29.a). James is three times as old as Peter now. In 5 years time, the difference between their ages will be 30 years. How old is James now? (3mks)

b). How old will Peter be in 25 years' time?

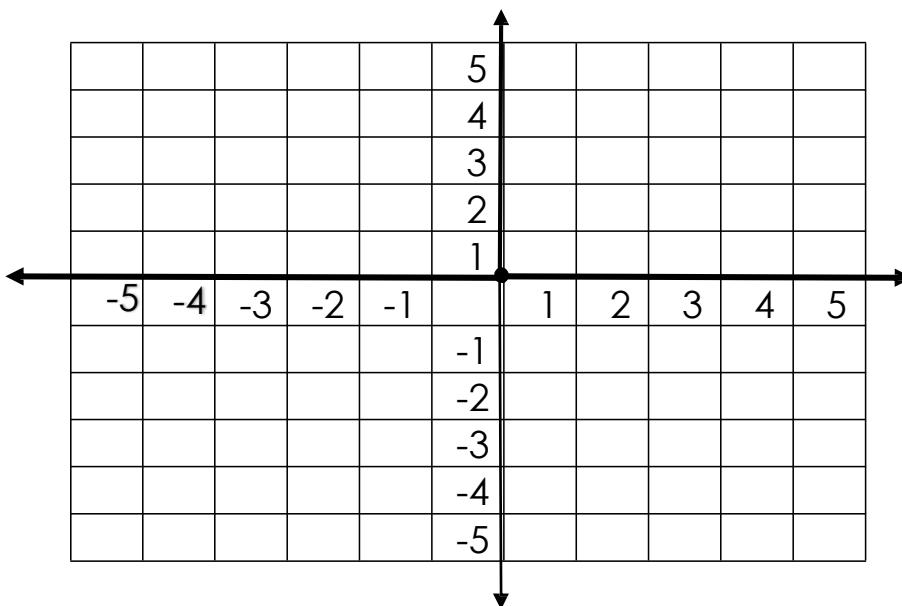
(2mks)

30. Given that  $y = 2x + 1$  complete the table below. (5mks)

|   |   |   |               |   |   |
|---|---|---|---------------|---|---|
| X | 3 |   | $\frac{1}{2}$ |   | 0 |
| Y |   | 5 |               | 7 |   |

31. Musoke deposited a certain amount of money in the bank which offers a simple interest rate of 5% per year. After 2 years, his account had an amount of Shs264,000. Calculate the money Musoke deposited. (5mks)

32.a). Plot **A**(-2, 3), **B**(2, 3), **C**(4, -3) and **D**(-4, -3) on the coordinate graph below. Join A to B, B to C, C to D and D to A (2mks)



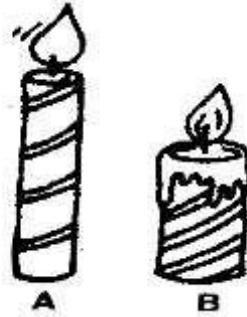
b). Name the figure formed. (1mk)

c). Work out the area of the shape formed in square units. (2mks)

## SECTION A (40MKS)

1. Give one example of a scavenging bird.  
\_\_\_\_\_  
\_\_\_\_\_
2. How is the habitat of a fish similar to that of a tadpole?  
\_\_\_\_\_  
\_\_\_\_\_
3. State any one condition that favours the multiplication of germs.  
\_\_\_\_\_  
\_\_\_\_\_
4. Give any one activity that involves the use of filtration.  
\_\_\_\_\_  
\_\_\_\_\_
5. What body condition that is caused by lack of water and mineral salts in the body?  
\_\_\_\_\_  
\_\_\_\_\_
6. State any one effect of drinking alcohol to the community.  
\_\_\_\_\_  
\_\_\_\_\_

**The diagram below shows two burning candles A and B. Use them to answer questions that follow.**



7. Which of the above two candles will stop burning first?  
\_\_\_\_\_  
\_\_\_\_\_
8. Name the gas that makes the above candle to stop burning.  
\_\_\_\_\_  
\_\_\_\_\_
9. Mention any one element of PHC that aims at controlling childhood killer diseases in a home.  
\_\_\_\_\_  
\_\_\_\_\_
10. How do bees conduct themselves in case of bad smell around the hive?  
\_\_\_\_\_  
\_\_\_\_\_
11. In which state of matter does heat travel by conduction?  
\_\_\_\_\_  
\_\_\_\_\_
12. Give any one way in gnawing mammals are harmful to farmers.  
\_\_\_\_\_  
\_\_\_\_\_
13. How important is the food value obtained from eating beans to our bodies?  
\_\_\_\_\_  
\_\_\_\_\_
14. What is the speed of sound in air?  
\_\_\_\_\_  
\_\_\_\_\_

15. State one disorder of the digestive system in the human body.

---

16. Why is it necessary to put coffee husks on the floor of a poultry house?

---

17. Give one way long hair can be a danger to one's health.

---

18. State one way in which malaria parasites can lead to poor working of the circulatory system.

---

19. In the diagram below, use an arrow to show self-pollination.



20. Give one factor that can lead to smoking among school children.

---

21. Which vector transmits river blindness?

---

22. How is the product obtained from merino sheep important to the fabric industry?

---

23. Give one similarity between a spider and a scorpion.

---

24. Suggest one way a primary school child can avoid catching HIV/AIDS.

---

25. How does application of animal dropping in a school garden improve soil fertility?

---

26. Name the part of a human ear responsible for changing sound vibrations into impulses.

---

27. Write one bad eating habit that can lead to choking after eating food.

---

28. How is the presence of tall grasses a danger in our environment?

---

29. Mention one example of a long bone in the human body.

---

30. Why is it difficult for a farmer to collect eggs and manure in free range system?

---

31. Give one use of moving air in the environment.

---

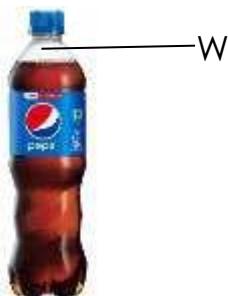
32. Name one solute used in preparation of local ORS.

---

33. Besides curling into a ball, state one other way in which a millipede protects itself from danger.

---

**Below is a soda bottle. Use it to answer questions 34 and 35.**



34. Name the gas in the space labelled W.

35. Why is the gas named in (34) above sealed off in soda bottles?

---

36. How best can a farmer make use of leaves obtained after pruning?

---

37. Give a reason why malaria is very common in the rainy season.

---

38. Name the first set of teeth to develop in human beings.

---

39. What is the function of a switch in an electric circuit?

---

40. Which component of first Aid Kit protects the First Aider against getting infections.

---

#### **SECTION B (60 Marks)**

41. **Okello's temperature was normal in the morning. It rose by 20c at break time.**

a). Describe Okello's condition at break time.

---

b). What was Okello's body temperature at break time?

---

c). Name one disease that causes increase in body temperature.

---

d). Describe the First Aid for fever.

---

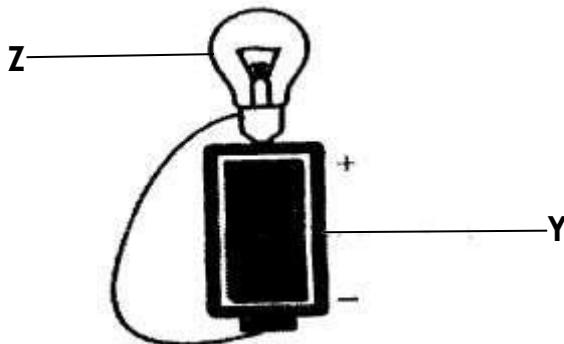
42. In the table below part P has the terms commonly used in sound and Q shows the meaning of the terms but in wrong order.

| P: Term   | Q: (Meaning)                    |
|-----------|---------------------------------|
| Echo      | Loudness or softness of sound   |
| Pitch     | Number of vibrations per second |
| Frequency | Repeated sound                  |
| Volume    | Highness or lowness of sound    |

Select the statement from Q to match the following terms from P correctly.

- i). Echo \_\_\_\_\_  
ii). Pitch \_\_\_\_\_  
iii). Frequency \_\_\_\_\_  
iv). Volume \_\_\_\_\_

43. Use the diagram of an electric circuit below to answer questions that follow.



a). Which form of energy is produced by Y?

b). Indicate the flow of electricity on the diagram above.

c). What energy change takes place in Y when the circuit is complete?

d). State one factor that may fail part Z to light.

44.a). In one sentence, give the meaning of incubation as used in poultry management.

b). Give two examples of poultry.

i) \_\_\_\_\_ (ii) \_\_\_\_\_

c). Mention down one system of poultry keeping commonly used for commercial purposes.

45.a). Name the human body organ used for:

i) controlling blood sugar \_\_\_\_\_

ii) filtering blood \_\_\_\_\_

b). Give any two practices done to take care the body organs above.

i) \_\_\_\_\_

ii) \_\_\_\_\_

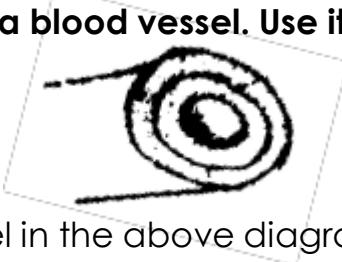
46. a) Name two drugs of dependence commonly abused by people in your area.

i) \_\_\_\_\_ (ii) \_\_\_\_\_

b). Give one danger of the drugs of dependence you have named in (a) above.

c). Suggest one way school children can avoid the temptation dependency.

47. **Below is a diagram of a blood vessel. Use it to answer questions that follow.**



a). Name the blood vessel in the above diagram.

b). Which type of blood is mostly transported by such blood vessels?

c). Mention any two practices done to promote proper working of the blood vessels.

48.a). Name any one group of organisms that reproduce by binary fission.

b). How is movement in bacterium different from that of amoeba?

c). Suggest two ways you can prevent bacteria from multiplying on food.

i) \_\_\_\_\_

ii) \_\_\_\_\_

49. a). What is the main function of a flower on a plant?

b). State briefly what the following parts will develop into after fertilization.

i) \_\_\_\_\_ ovary

ii) \_\_\_\_\_ ovules

c). Give the scientific name for the anther heads and stamen of a flower.

50. a). State the force that makes passengers seated in a moving car move forward after brakes are applied abruptly.

b). What should be done by passengers controlling the effects caused by the force named in (a) above?

c). Apart from the one above, mention down two other forces that affect work done by machines.

- i) \_\_\_\_\_  
ii) \_\_\_\_\_

51. **Given a mushroom, yeast, fern and toadstool.**

a). Identify the organism that is:

- i) used to bake bread \_\_\_\_\_  
ii) poisonous to people \_\_\_\_\_  
b) Which characteristic makes a mushroom unable to make food?

c). Give a reason that can make a P.5 pupil eat toadstools yet they are poisonous.

52. a). Identify a plant process that cools down most parts of a plant on a hot day.

b). State any two factors that can affect the rate of the process in (a) above.

- i) \_\_\_\_\_  
ii) \_\_\_\_\_

c). How do plants control the process named in (a) above?

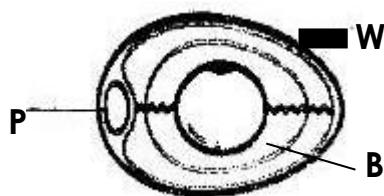
53.a). Name the form energy that causes evaporation.

b). Give one use of the form of energy named in (a) above.

c). Why is a kink useful to a thermometer?

d). Mention any one reason why mercury is used in a clinical thermometer.

54. **The diagram below is of a fertilized egg. Use it to answer questions that follow.**



a) Name the part labelled **B**.

b). Why is part labelled **W** porous?

c). State the function of the part marked with letter **P**.

d). On the diagram, using letter **X**, indicate the part which develops into a chick.

55. a). Give any two non – insect vectors.

i) \_\_\_\_\_

ii) \_\_\_\_\_

b) In which way are insect vectors dangerous to man.

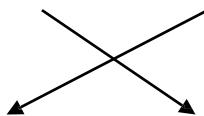
i) \_\_\_\_\_

ii) \_\_\_\_\_

## **SECTION A (40MKS)**

1. State one way people can help the police to maintain law and order.

2. During which season do Mediterranean regions receive rainfall?



3. Name the map symbol drawn above.

4. How does drought lead to death of livestock in East Africa?

5. Write OAU in full.

6. How was Royal Geographical Society important to early explorers that came to East Africa?

7. How are mangrove forests important to the ship building industry?

8. Name the lake which is the source of the Blue Nile.

9. How do citizens obey the National constitution?

10. State one advantage of exporting processed goods instead of raw materials.

11. What type of tax is charged on imported goods?

12. Why do few people in Africa use air transport?



13. Name the weather instrument illustrated above.

14. The pointer of the instrument above is pointing towards the East, to which direction is the wind blowing?

15. Which country neighbours Kenya in the north?

16. How is the District Veterinary Officer important?

---

17. Why is Benedicto Kiwanuka remembered in the history of Uganda?

---

18. Mention one factor that attracted the Bantu to settle in the interlacustrine region.

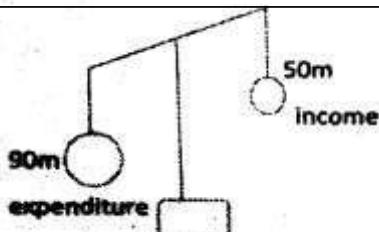
---

19. State any one reason why Kalangala is sparsely populated.

---

20. Why did the German colonialists use direct rule to administer Tanganyika?

---

21. Name the type of budget above.

---

22. How can the above type of budget named in (21) be corrected?

---

23. What is barter trade?

---

24. Why is the highest peak of mountain Kilimanjaro snow capped throughout the year?

---

25. How were the ruga ruga helpful to the Nyamwezi empire?

---

26. Give one way in which River Nile is similar to River Niger.

---

27. Name the European explorer who drowned at Bussa falls.

---

28. How does a school benefit a community?

---

29. State one way a high population promotes development of a country.

---

30. Why does the government of Uganda conserve game parks?

---

31. State one advantage radios have over televisions.

---

32. Which Agency of United Nations is responsible for resettling refugees?

---

33. How do terraces help to control soil erosion?

---

34. How can crop growing be made possible drier parts of Africa?

---

35. State one way in which labour force can be improved in Africa.

---

**FOR QUESTIONS 36 – 40, ANSWER EITHER CHRISTIANITY OR ISLAM BUT NOT BOTH ALTERNATIVE NUMBERS.**

36. **EITHER:** What was the work of Moses before he became a prophet?

---

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

---

37. **EITHER:** Who was the father of John the Baptist?

---

**OR:** Who was the father of Yahaya?

---

38. **EITHER:** Why did God create Eve?

---

**OR:** Why did Allah create Hawa?

---

39. **EITHER:** Give one way in which God communicates to Christians.

---

**OR:** Give one way in which Allah communicates to Muslims.

---

40. **EITHER:** Why did Jesus turn water into wine?

---

**OR:** Why did Prophet Muhammed split the moon?

---

### **SECTION B (60 Marks)**

41. a). What is a common market?

---

b). Name the organ of the EAC that performs the similar duty as the judiciary.

---

c). Give any two reasons why the EAC was revived

i) \_\_\_\_\_

ii) \_\_\_\_\_

42. a). Mention any one crop grown on plantations in East Africa.

---

b). Give any one economic value of plantation farms to the economic development of East Africa?

---

c). State any two reasons why plantation farming is not well developed in East Africa.

- i) \_\_\_\_\_  
ii) \_\_\_\_\_
- 

43. a). What is population growth?

---

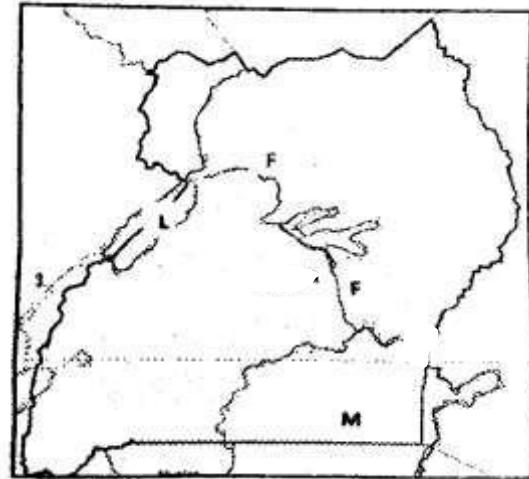
b). State any two factors that encourage population growth in a country.

- i) \_\_\_\_\_  
ii) \_\_\_\_\_
- 

c). Mention any one way the government of Uganda can control population growth.

---

44. **Study the sketch map of Uganda below and answer questions about it.**



a). Name the section of River Nile marked F on the map.

---

b). Why is navigation difficult in the above section of the Nile?

---

c). How is the formation of lake M different from that of lake L?

---

d). How is feature 1 politically important to Uganda and DRC?

---

45.a). Name the Portuguese explorer who discovered the sea route to India.

---

b). How was the above explorer able to find the sea route to India?

---

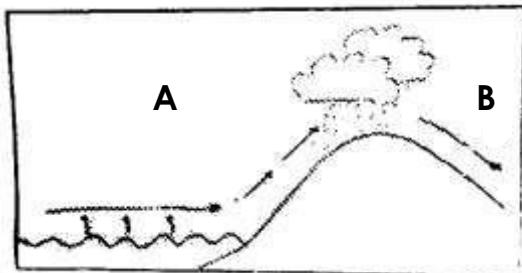
c). Give any one reason why the Portuguese wanted to find the sea route to India.

---

d). State any one effect of Portuguese at the coast of East Africa.

---

46.



a) What type of rainfall is shown in the illustration above?

---

b). Name the sides marked **A** and **B** on the illustration above.

---

i). **A**

ii). **B**

---

c). Why is crop growing possible on side **A** of the mountain?

---

47.a). Give any one reason why elections are important to a country like Uganda.

---

b) Mention any one system of elections used in Uganda.

---

c) Name the body in Uganda that organizes elections.

---

d) Mention any one problem faced during elections?

---

48.a) State any one way vegetation promotes human health.

---

b). Mention any two human activities that destroy natural vegetation.

---

i) \_\_\_\_\_

ii) \_\_\_\_\_

c). State any one way of conserving natural vegetation.

---

49. Match list A with list B correctly

| A                    | B              |
|----------------------|----------------|
| <b>Mining area</b>   | <b>Mineral</b> |
| a). Shinyanga        | Soda ash       |
| b). Hima             | diamonds       |
| c). Lake Magadi      | crude oil      |
| d). Albertine Region | limestone      |

- a). Shinyanga  
b). Hima  
c). Lake Magadi  
d). Albertine Region

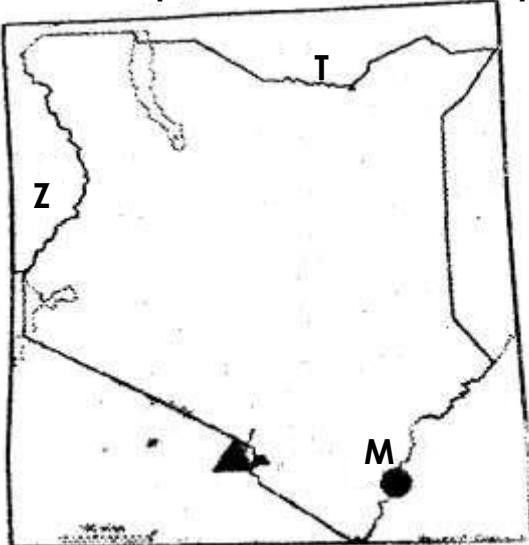
---

---

---

---

50. Study the sketch map below and answer questions that follow.



- a). Compare country Z with Kenya in terms of location.

---

- b). How did the independence of Eritrea affect country marked T?

---

- c). How is town M economically important to Uganda?

---

- d). Give any one problem faced by country Z and T due to their location.

FOR QUESTIONS 51 – 55, ANSWER EITHER CHRISTIANITY OR ISLAM BUT NOT BOTH ALTERNATIVE NUMBERS.

51. **EITHER:** a) Give two religious organizations in Uganda that offer free services to needy people.

- i) \_\_\_\_\_  
ii) \_\_\_\_\_

b). Give any two reasons why people give offertory in church.

- i) \_\_\_\_\_  
ii) \_\_\_\_\_

**OR:** a) Give two religious organizations in Uganda that offer free services to needy people.

- i) \_\_\_\_\_  
ii) \_\_\_\_\_

b). Give any two reasons why Muslims pay Zakah.

- i) \_\_\_\_\_  
ii) \_\_\_\_\_

52. **EITHER:** a). Mention any two fruits of the holy spirit.

- i) \_\_\_\_\_  
ii) \_\_\_\_\_

b). Give any two benefits of the holy spirit to Christians.

- i) \_\_\_\_\_  
ii) \_\_\_\_\_

**OR** a). Mention any two impurities according to Islam.

- i) \_\_\_\_\_  
ii) \_\_\_\_\_

b). State any two ways how Muslims can protect themselves against impurities.

- i) \_\_\_\_\_  
ii) \_\_\_\_\_

53. **EITHER:** a). What is suffering?

\_\_\_\_\_

b). Give any two causes of suffering among people today.

- i) \_\_\_\_\_  
ii) \_\_\_\_\_

**OR:** a). What is suffering?

\_\_\_\_\_

b). Give any two causes of suffering among people today.

- i) \_\_\_\_\_  
ii) \_\_\_\_\_

c). What have the Muslim leaders done to those people who are suffering?

\_\_\_\_\_

54. **EITHER:** Match people in List A to items in List B.

**List A**

- i). Judas Iscariot
- ii). Thomas
- iii). John the Baptist
- iv). Simon Peter

**List B**

- doubted the resurrection of Jesus
- denied Jesus
- betrayed Jesus Christ.
- baptized Jesus Christ

i). Judas Iscariot

---

ii). Thomas

---

iii). John the Baptist

---

iv). Simon Peter

---

**Or:**

**List A**

- i) Aminah
- ii) Abdallah
- iii) Abu Mutwalib
- iv). Khadijah

**List B**

- grandfather of Prophet Muhammad.
- the first wife of Prophet Muhammad.
- mother of Prophet Muhammad.
- father of Prophet Muhammad.

i) Aminah

---

ii) Abdallah

---

iii) Abu Mutwalib

---

iv). Khadijah

---

55. **For Both:**

a). Give any two common practices between Christianity and Islam.

- i) \_\_\_\_\_
- ii) \_\_\_\_\_

b). State any two similar beliefs between Christianity and Islam.

- i) \_\_\_\_\_
- ii) \_\_\_\_\_

## SECTION A – SUB SECTION ONE (30 Marks)

**For questions 1 – 5, complete the following sentences with the most suitable word.**

1. The candidates are ready \_\_\_\_\_ their examinations.
2. One should write one's work \_\_\_\_\_ ink.
3. That is the farmer from \_\_\_\_\_ I bought the calves.
4. Father tuned \_\_\_\_\_ to K. Fm so as to listen to pop music.
5. Neither \_\_\_\_\_ the girls attended the wedding.

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

6. Many people in Uganda live in \_\_\_\_\_ areas. (swamp)
7. Mukwege \_\_\_\_\_ his son for nothing last night. (beat)
8. One \_\_\_\_\_ has just submitted his application form. (Congo)
9. Having \_\_\_\_\_ this letter, you can now buy a postage stamp. (write)
10. The \_\_\_\_\_ man in the queue did not get any food. (four)
11. Have you ever \_\_\_\_\_ a bicycle? (ride)
12. Cantu was punished because of \_\_\_\_\_ to her mum. (lie)
13. We should thank our parents for being so \_\_\_\_\_. (help)
14. The bad man \_\_\_\_\_ the grass in our garden last week. (burn)
15. Most passengers \_\_\_\_\_ escaped death when the bus overturned. (narrow)

**For questions 16 and 17, use each of the given words in a sentence to show that you know the difference in their meaning.**

16. burn

---

17. bun

---

**For questions 18 and 19, rewrite the sentence giving the plural form of the underlined word.**

18. The village chief attended the meeting.

---

19. Okere rears a nice looking goose.

---

20. The teacher wrote the ca n di date's na me in the register.

---

**For questions 21 and 22, arrange the given words in alphabetical order.**

21. bullet, cooking, brush, cooker

---

22. dress, drink, dream, driver

---

**For questions 23 and 24, rewrite the sentences giving the opposite form of the underlined words.**

23. The class monitor has left all the windows closed.

---

24. Those children reached school very late yesterday.

---

25. By sunset, all the guests had arrived.

---

**For questions 26 to 28, rewrite the sentences giving one word for the underlined group of words.**

26. The flesh of a sheep is very delicious.

---

27. Primary Five learners made boxes that are shaped like a triangle.

---

28. As soon as it started raining, the farmers planted their seeds.

---

**For questions 29 and 30, rearrange the words to form correct sentences.**

29. has book My this me for sent uncle.

---

30. watch is time by the What your?

---

#### **SECTION A – SUB SECTION TWO (20 Marks)**

**For questions 31 - 50, rewrite the sentences as instructed in the brackets.**

31. That prefect will be rewarded. He has worked hard to promote discipline.  
(Use: \_\_\_\_\_ because \_\_\_\_\_)

---

32. Pupils need to observe rules and regulations. (Begin: What \_\_\_\_\_ )

---

33. The papyrus was very dry. The papyrus was very dirty. (Use: not only \_\_\_\_\_)

---

34. Katete could not read the poor handwriting. Malingu could not read the poor handwriting. (Use: \_\_\_\_\_ and neither \_\_\_\_\_)

---

35. How much does a litre of milk cost at your dairy? (Begin: What \_\_\_\_\_?)

---

36. People who are rich take their children to good schools. (**Begin:** The \_\_\_\_\_)

---

37. May I go home and help my mother? (**Begin:** I would \_\_\_\_\_)

---

38. "These play materials were bought last term," said the head teacher.  
(**Use:** \_\_\_\_\_ said that \_\_\_\_\_)

---

39. Keep your bodies clean, so you will not fall sick. (**Use:** \_\_\_\_\_ or else \_\_\_\_\_)

---

40. What a bright idea that is! (**Begin:** That \_\_\_\_\_)

---

41. The fishmonger started selling fish three days ago. (**Use:** \_\_\_\_\_ since \_\_\_\_\_)

---

42. Having put up our school sign post, the parents addressed the pupils.  
(**Use:** \_\_\_\_\_ after \_\_\_\_\_)

---

43. I am more interested in swimming than in music. (**Use:** \_\_\_\_\_ like \_\_\_\_\_)

---

44. It isn't far from here to the health centre, is it?. (**End:** \_\_\_\_\_, isn't it?)

---

45. I am not a hen. I will not those insects. (**Begin:** If \_\_\_\_\_)

---

46. Morris became very weak because he ate very little food. (**Begin:** The \_\_, the \_\_)

---

47. All the eggs on the tray were not good. (**Begin:** None \_\_\_\_\_)

---

48. The school team will win the match. (**Use:** \_\_\_\_\_ looks forward \_\_\_\_\_)

---

49. You will not attend the family meeting if you don't get permission from your father. (Begin: Unless \_\_\_\_\_)

---

50. There is need for the farm house to be cleaned. (Use: \_\_\_\_\_ needs \_\_\_\_\_)

---

### SECTION B ( 50 Marks)

51. **Read the letter below carefully and in full sentences answer the questions about it.**

Nyenga Primary School,  
PO Box 1042,  
Masaka-Uganda.

6<sup>th</sup> June, 2023

Dear Teacher Lynn,

I am sorry to inform you that I am sick. So it is not possible for me to attend school today. The doctor has told me to rest until Sunday 11<sup>th</sup> June, 2023. I hope to attend school from Monday, 12<sup>th</sup> June, 2023 to resume my studies.

Thank you very much,

Your loving pupil,

Justine

#### QUESTIONS

a) Who wrote the letter?

---

b) To whom was the letter written?

---

c) Why was the letter written?

---

d) When was the letter written?

---

e) Who asked the writer to rest?

---

f) When will the writer attend school again?

g) In which district is the writer's school found?

h) What is the writer's Box number?

i) Give one word for the underlined words in the letter.

j) Write PO in full.

**52. Rearrange the sentences correctly to make a composition about “Examination Malpractice”.**

- a) Parents can decide to remove all their children from such a school.
  - b) This means their education ends there.
  - c) Without results, these learners must repeat the class.
  - d) Examination malpractice is a very dangerous habit.
  - e) First of all they are likely to miss their results.
  - f) Then their parents will have to meet school fees twice.
  - g) Such pupils will not enjoy their future.
  - h) Secondly, some pupils are dismissed from school.
  - i) Pupils who do it usually land in trouble.
  - j) Lastly, it spoils the name of the school.

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

Born in a free world  
A world full of joy and happiness  
Provided by the people and things in it  
To be enjoyed by the young and old.

In such a free world  
We are the children ought to be responsible  
We should go to school and obey others  
And also help our parents to clean the environment.

We need help from all responsible people  
When we are abused, harassed and mistreated  
Respect our rights to basic needs  
And the right to play and speak.

Sugar-daddies and mummies, spare our lives  
Rapists, give us peace  
Kidnappers, we need life  
Please, give us a right to live. **Jimmy**

**QUESTIONS:**

a) In what kind of world was the writer born?

---

b) Who brings the joy and happiness in the world?

---

c) Who receive the joy and happiness according to the world?

---

d) What should children do to help their parents?

---

e) Why should children be responsible and obedient?

---

f) From whom do children cry for help?

---

g) Why do children cry for help?

---

h) What did the writer tell sugar daddies?

---

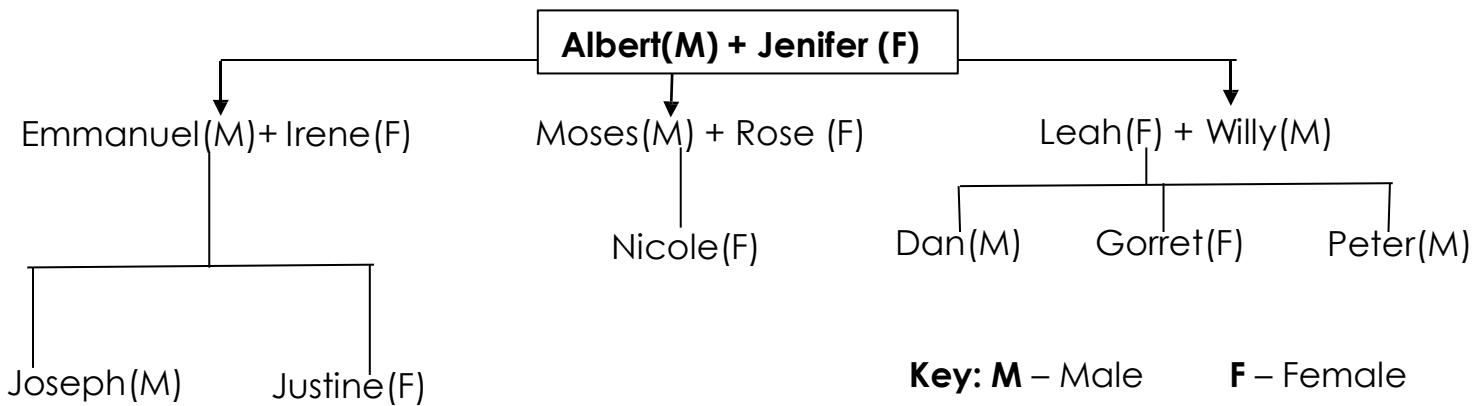
i) Who should respect the children's lives?

---

j) Suggest a suitable title for the poem.

---

54. **Below is a family tree. Study it carefully and then answer in full sentences, the questions that follow.**



**QUESTIONS;**

a) Who are the grand parents of this family?

---

b) How many married men are in this family?

---

c) Who are the grandchildren of Albert and Jennifer?

---

d) What does Nicole call Gorret?

---

e) Who are the children of Emmanuel and Irene?

---

f) How many unmarried women are on the chart?

---

---

g) Why can't Joseph marry Justine?

---

h) How many sisters-in-law does Leah have?

---

i) Which couple has only one child?

---

j) How many couples are on the chart?

---

**55. With the help of the words given in the box below to fill the gaps to complete the story below.**

The \_\_\_\_\_ is both a home where people, animals and plants live and a resource centre where they \_\_\_\_\_ the things they use to survive. To survive. To survive in the environment, animals and \_\_\_\_\_ depend on each other to get food, \_\_\_\_\_ and care.

Very often, animals such as monkeys, birds like \_\_\_\_\_ and insects depend on plants for shelter and food. Plants too, depend on animals for \_\_\_\_\_ during \_\_\_\_\_.

The existence of plants cannot be \_\_\_\_\_ if there is no water, soil, air or sunlight. Plants and animals use these \_\_\_\_\_ to make food, regulate \_\_\_\_\_, get energy to move and protect themselves from diseases.

plants, parrots, photosynthesis, environment, supported, resources, shelter, obtain, carbon-dioxide.

## **SCIENCE ITEM**

### **BLUE PRINT SAMPLES COD 02**

#### **SET TWO**

2023

- 1.Name one natural source of heat in the environment.
- 2.Why should grease/oil be applied in moving parts of a machine?
- 3.Mention any one structure which helps plants with weak stems to climb other plants.
- 4.Name the gas contained in a fire extinguisher.
- 5.Mention one vaccine which is administered orally.
- 6.Give one way a p.7 candidates can avoid contracting STDs.
- 7.Give one reason why refrigeration prevents food stuff from going bad
- 8.Give one reason why farmers prefers artificial insemination to natural.
- 9.Give one part of the body where germs can easily penetrate inside.
- 10.Give one example of disease got through sharing clothes.
- 11.How is carbohydrates useful in the body?.
- 12.Mention one example of perennial crops.
- 13.Give one reason why it is necessary to keep water in first aid box.
- 14.Which feature of housefly enables it to spread germs?
- 15.The diagram below is of a slug .Name the class invertebrates to which it belongs.
  
- 16.Name the site where BCG vaccine is put in during immunization.
- 17.Mention the one method of controlling pest in the garden.
- 18.Name the type of venation shown in the diagram below.

19. Identify one effects of alcohol in the human body.
20. Why should breast feeding mother take a lot of fluids?
21. Why nutrient is essential for proper functioning of the thyroid s gland?
22. Give one way wet season is important to Crop farmers.
23. Mention one importance of skeleton to the circulatory system.
24. Give one reason why sugar is used in making ORS.
25. In which way can floating object be used to save a drowning person?
26. The diagram below shows a simple machine use it to answer the question that follows.

To which group of simple machine does the one shown above belongs?

27. Which property of air enables us to drink soda using straw?
28. How is an egg shells adapted to gases exchange?
29. Name the process in plants which contribute to rain formation.
30. How do our bodies fight against disease causing germs?
31. Use the diagram below to answer the question that follows.

Why is the person at A not able to see light from the candle?

32. How can you advise the person at A to be able to use light from the candle through the pipe?

33. State one characteristic of a poisonous snake.

34. Give one way how school children benefit from trees planted in the school compound.

35. Outline one reason why every home must have a planted stand.

36. What is the use of root nodules in leguminous plants.

37. Mention one example of sex deviation in a community.

38. Give the force which enables match stick to light when struck.

39. The diagram below is of a cylindrical tank .

How many liters of water can fill the above tank?

### **SECTION ( B)**

41. The diagram below is of an electric circuit use it to answer the questions that follow.

a) Name the part

- i. R
- ii. K

b) Name the form of energy produced at **K** when **R** is closed.

**42a) Give any two types of pulley.**

**b) Outline any two forces that retard work whenever one is using a pulley system.**

**43.a) what is a resource conservatasion?**

b) Give any two ways of conserving resources in the environment.

C) why is land called a renewable resources?

**44a) Give any two ways plants depends on animals.**

b) state any two ways in which animals depends on plants.

**45a) what is demagnetization?**

b) Mention any two ways of demagnetization.

C) How do doctors use magnet in hospital?

**46a) Kamya was given a drug with the following drug prescription 2x3.**

What does 2x3 mean as drug prescription

a) If the drug is in tablets form, many Tablets will Kamya take in a day?

**47. Below is a life circle of an insect use it to answer the question that follows.**

a) Name the stage marked X.

b) which type of metamorphosis is shown ?

c) Give any two insects which undergo the above type of life circle.

48.a) Give one ways through which one can acquire **HIV /AIDS**.

- b) state two ways we can avoid getting AIDS .
- c) Mention any two ways the air sacs are adapted for gases exchange during inspiration
- e) Identity two ways the air sacs are adapted for gases exchange during expiration.

50.a) What is reflection in light?

- b) Mention the two types of reflection .
- c) Why do objects appear by the color when on light?

51.a) What is agro forestry?

- b) state two benefits of agro forest to farmers.
- c) Mention any one plants that is propagated using stem cutting.

52a) Name the form of energy that stimulates the sense of hearing in animals.

- b) How is the form of energy named in 52(a) above produced?

53.a) Below is a structure of fish use it to answer the question that follow.

- a) Name the part **P**.
- b) **Which** organ in a man have similar function as the part labelled **R**?