

P.6  
ENGLISH

Name: .....

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

1. There is hardly .....chalk in the box.
2. John has not met his uncle .....two years now.
3. The pupils can't .....porridge because it is not ready.
4. Many people die of road accidents.....of careless driving.
5. Those are the .....who repaired my father's car.

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

6. Muki sustained a lot of ..... after the accident. (injure)
7. Kampala is ..... than Jinja.(busy)
8. The guest of honour .....walked to the platform (gentle)
9. The boy is .....under the tree because it is hot. (lie)
10. They are married but they lost their .....certificate. (marry)
11. A friend of .....has visited me today. (me)
12. Oboto .....himself after he had been proved guilty.(hang)
13. What we need is a .....country. (peace)
14. A chameleon is one of the animals that ..... slowly. (move)
15. The .....of our headmaster has helped our school to develop. (wise)

In questions 16 to 18, re-write the sentences giving the plural form of the underlined words.

16. The boy's shoe crushed my finger.  
.....
17. The calf couldn't feed on grass due to the poor weather.  
.....
18. The guest -of- honour reached our school late.  
.....

For questions 19 and 20, use the words below to show that you know their meaning.

19. shut .....

20. shirt .....

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

21. lend, lean, lease, leak

.....

22. proud, police, pride, palace

.....

In questions 23 to 25, write the short form of the following.

23. Will not .....

24. Very important person .....

25. School .....

In questions 26 and 27, re-arrange the words to make sensible sentences.

26. doctor My is brother a.

.....

27. God you Do believe in?

.....

In questions 28 to 30, re-write the sentences giving a single word for the underlined group of words.

28. The female dog has eaten all the bones.

.....

29. My sister's daughter will graduate next week.

.....

30. The people who are unable to see are always moody.

.....

### Sub – section II

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

31. Mayende swept the room yesterday. (Re-write and begin: The room..)

.....

32. Yayo is my special friend. (Re-write using:.....of.....)

.....

33. Mrs. Misoke is my aunt, isn't she? (Rewrite and end:..is she?)

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34. Aisha sang well. Mary sang well. (Re-write as one sentence using: ...and so..)  
.....
35. If Jane does not come today, she will miss the concert. (Begin: Unless...)  
.....
36. My pen is longer than yours. (Re-write and use:....as....as...)  
.....
37. Martha is a very bright lady. (Rewrite and begin: What .....)  
.....
38. Kakaire lent me ten dollars. (Re write using: ...borrow...)  
.....
39. The bus reached school in the morning. (Re-write the sentence using:...arrive..)  
.....
40. Dorothy is very weak. She cannot walk home alone. (Re-write as one sentence using:  
.....enough...)  
.....
41. There is somebody in the room (Re-write as one sentence using:...hardly...)  
.....
42. The meat was very hot. I could not eat it at that time. (Re-write as one sentence  
using: .....too.....to.....)  
.....
43. Odoi is a very honest boy. He can't tell lies. (Join using: ...such...that...)  
.....
44. My father is not poor. My mother is not poor. (Re-write as one sentence beginning:  
Neither...)  
.....
45. AIDS is very deadly. Everyone fears it. (Join using: ..so....that...)  
.....
46. Jane slapped me as I was dancing. (Re-write the sentence beginning: While..)  
.....
47. The girl cried bitterly. She lost her parents. (Join the sentence using: ...who..)  
.....
48. As soon as the actor appeared on stage, everybody clapped. (Re-write the sentence  
using:.....immediately.....)  
.....
49. All of us ate more food. (Re-write the sentences beginning : None..)  
.....

50. One man's meat ..... (Complete the proverb)

SECTION B

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

Diseases mostly affect children in villages between one and five years of age. This is so because of poverty and poor living conditions. Diseases are grouped into infectious and non-infectious diseases.

Non-infectious diseases cannot spread from infected people to others. They are caused by poor feeding, unhealthy habits such as over-eating, smoking cigarettes or drinking alcohol. Non-infectious diseases include marasmus, kwashiorkor, heart failure, asthma etc. Infectious diseases are those that can be spread from infected people to others. They are caused by germs such as bacteria, cholera, tuberculosis etc.

Infectious diseases can be controlled by treating patients with drugs or preventing germs from entering the body. Diseases can be prevented by killing the vectors that carry the germs. Malaria for example, can be prevented by killing mosquitoes.

Living in a clean environment can also help to prevent the spread of diseases. Other measures include covering food, boiling drinking water, covering cuts and wounds or immunizing people against common diseases. Immunisation is the most recommended measure of disease prevention because it is cheap and it prevents death.

Questions

- a. What is the passage about?  
.....
- b. Which group is mostly affected by diseases?  
.....
- c. According to the passage, how are germs dangerous to people?  
.....
- d. How are germs prevented from entering the body through cuts?  
.....
- e. Which type of diseases are caused by germs?  
.....
- f. Why do you think it is important to boil drinking water?  
.....
- g. What is the best way of preventing infectious diseases?  
.....

Give another word or group of words with the same meaning as the underlined word in the passage.

Patients

.....

- (i) How can malaria be prevented from attacking people?

.....

J. Give a suitable title to the passage.

.....

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

Road accidents Robbers  
of human life, Blood  
splashing the roads, What  
a danger!

Road accidents,  
Snatchers of human souls,  
Pieces of flesh scattered on the roads,  
What a waster!

Road accidents,  
Agents of human depopulation,  
Corpses entangle in vehicles on roads  
What a tragedy!

Smith Robinson

Questions

- a. What is the poem about?

.....

- b. How many stanzas has the poem?

.....

- c. What gets splashed all over the roads?

.....

- d. What is scattered on the roads?

.....

- e. Who is the writer of the poem?

.....

f. Why do you think the writer is not happy with road accidents?



- .....
- g. What do road accidents do to human souls?  
.....
- h. Give another word or group of words to mean the same as the underlined words in the passage.
- (i) corpses  
.....
- (ii) scattered  
.....
- (i) Give a suitable title to the poem  
.....
53. The sentences below are jumbled up. Re- arrange them to make a meaningful story.
- a. When the officials finished their presentation.
  - b. He read the motion on the blackboard.
  - c. Among the officials, there were four opposers and four proposers.
  - d. The chairperson opened the motion to the audience.
  - e. These officials presented their points.
  - f. The chairperson welcomed the members to the debate.
  - g. The Primary six class organized a debate.
  - h. As Sarah was recording them
  - i. Then he introduced the officials.
  - j. In the end, the opposers won the proposers.

.....

.....

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54. The table below shows the weekly attendance of primary six pupils at Merikiti primary school with 30 boys and 20 girls. Study it carefully and answer the following questions in full.

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MDN	TUE	WED	THUR	FRI	SAT
-----	-----	-----	------	-----	-----

B	G	B	G	B	G	B	G	B	G	B	G
20	20	18	15	10	19	30	20	25	08	0	0

Questions

- a. What does the above table show?  
.....
  - b. In which school was the above information recorded?  
.....
  - c. On which day of the week did all the pupils attend?  
.....
  - d. How many girls attended on Wednesday and Friday?  
.....
  - e. On what day of the week was the attendance of girls equal to boys?  
.....
  - f. Why do you think pupils didn't attend on Saturday?  
.....
  - g. From which class was the information recorded?  
.....
  - h. What was the total number of absentees on Monday?  
.....
  - i. How many pupils attended on Friday?  
.....
  - j. Why do you think some pupils miss school on some days?  
.....
55. Complete the letter below using the words listed in the box below.

Twinbrook Schools,  
P.O.Box 5876,  
Kampala.

8<sup>th</sup> ..... 2020

Dear .....,

Greetings to all the family members and thank you for your daily..... .

Back here, I am fine and .....hard for the forth-coming examinations.

The .....of writing this letter is to .....you kindly to send me some

pocket .....to enable me complete the term and transport back.....  
. Send my.....to everyone there and may the good Lord keep you all.  
.....loving daughter,

Nazziwa Blessed.

April            Duties            purpose            money            regard            Daddy  
revising        request            home                your

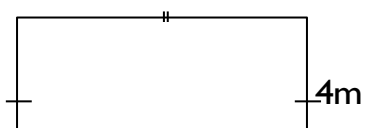
## MATHEMATICS

### SECTION A: (40 MARKS)

1     Add:    5        8  
          +2     1  
          \_\_\_\_\_

2.     Express 49 in Roman numerals.

3.     Find the area of the figure below.



Qm

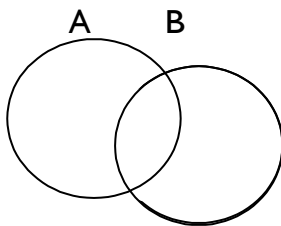
4. Find the next number in the sequence.

1, 4, 9, 16, 25, \_\_\_\_

5. Arrange the following fractions in order beginning with the smallest.

$\frac{2}{7}$ ,  $\frac{2}{9}$  and  $\frac{1}{3}$

6. Shade A - B.



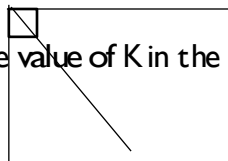
7. Round off 1769 to the nearest hundreds.

8. Work out:  $^+8 - ^-2$

9. Namuli sells a heap of 5 mangoes at shs. 1000. How much money does she get from a basket containing 30 mangoes.

10. Jalia, Edward, Shamsa and Jane are 11, 9, 5, 6 years old respectively. Find the range of their ages.

11. Find the value of K in the figure below.



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60°

2k

Q. Add:  $\frac{1}{2} + \frac{1}{4}$

B. Find the G.C.F of 8 and 24.

H. A box contains 40 biscuits. How many biscuits are in 7 such boxes?



5. Convert 0.45km to metres.

16. If  = 10 balls, how many balls are represented by



17. Solve:  $2p + 1 = 9$

18. Kamuntu was facing East and turned through an angle of  $135^\circ$  anticlockwise. What was his new direction?

19. Tom is wedding next week. What is the probability of wedding on a day that begins with letter 's'?

20. Work out:

Wks	days
4	5
+ 2	4
<hr/>	

SECTION B: (60 Marks)

21. There are 20 pupils in a class.  $\frac{2}{5}$  of them are girls and the rest are boys.

(a) How many girls are in the class?

(2 marks)

(b) Find the fraction of boys. (2 marks)

(c) How many more boys than girls are there in the class? (2 marks)

22. Study the shopping bill and fill the gaps. (1 mark each)

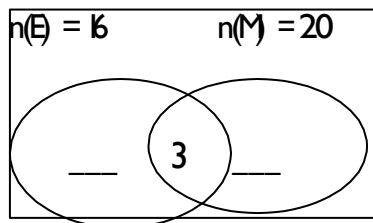
Item	Quantity	Unit cost	Amount
Sugar	2kg	Shs. 2500	Sh. _____
Rice	3kg	Sh. _____	Shs. 9000
Bread	_____ loaves	Sh. 2000	Shs. 8000
Salt	500gm	total	Sh. _____
Total			Sh. _____

23. In a class, 16 pupils like English (E), 20 pupils like Maths (M) and 3 pupils like both English and Maths.

(a) Represent the above information on the venn diagram below.

$n(\square)$

(1 mark each)



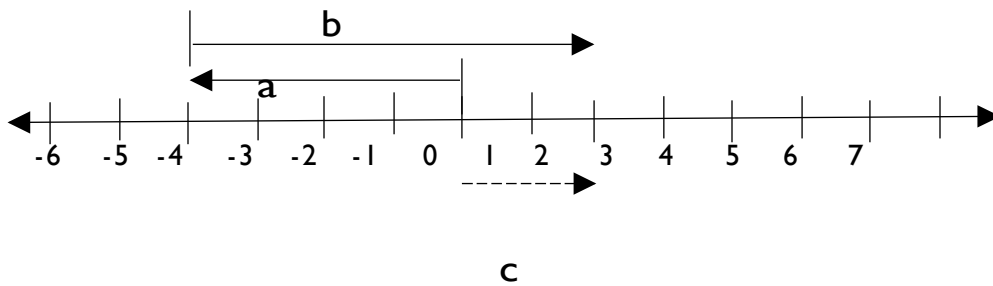
(b) Findh(□)  
marks)

(2

(c) How many pupils like only one subject?

(2 marks)

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



(a) Find the value of;

(1marks each)

(i) a..... (ii) .....

(iii) c .....

- (b) Write a mathematical statement represented on the above number line  
(2 marks)

25. Using a ruler, a pencil and a pair of compasses only construct a regular hexagon in a circle of radius 3.5cm  
(5 marks)

26. Study the figure below and answer questions that follow.

B	w	11
x	y	12
z	14	7

- (a) Find the magic sum (1 marks)

- (b) Find the value of (1 mark each)

(i) W

(ii) Z

(ii) X

(iv) Y

27. Write a quarter to eleven o'clock in the morning using (a.m or p.m)

(1 marks)

(b) A man started digging at 7:30 a.m and stopped at 10:10 a.m for how long did he dig?  
(2 mark)

(c) A lorry travels 45km in one hour. How long will it take to travel 270km?

(2 marks)

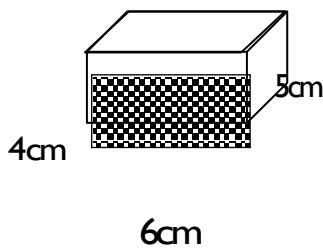
28. Divide:  $\frac{1}{6} \div \frac{2}{15}$

(2 marks)

(b) Add  $0.35 + 3.5$

(2 marks)

29. Use the figure below to answer the questions below.



(a) Find the number of;  
(i) edges

(1 mark)

(ii) Vertices

(b) Find its volume

(2 marks)

(c) Find the area of the shaded face.  
(2 marks)

30. (a) Simplify:  $6y - 3x - 2y + 5x$  (2 marks)

(b) Solve:  $\frac{2a}{3} = 4$  (2 marks)

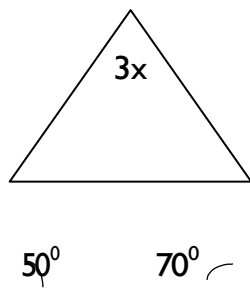
(c) Given that  $x = 2$ ,  $y = 3$  and  $z = 5$ . Find the value of  $\underline{Y+Z}$  (2 marks)  
X



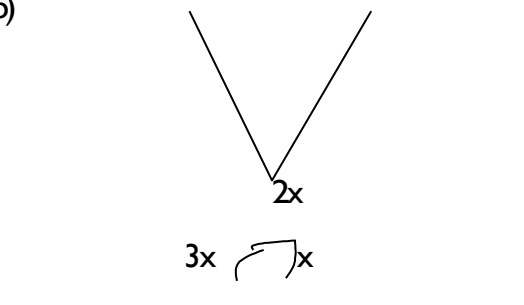
31 Find the value of  $x$  in the figure below.

(2 marks each)

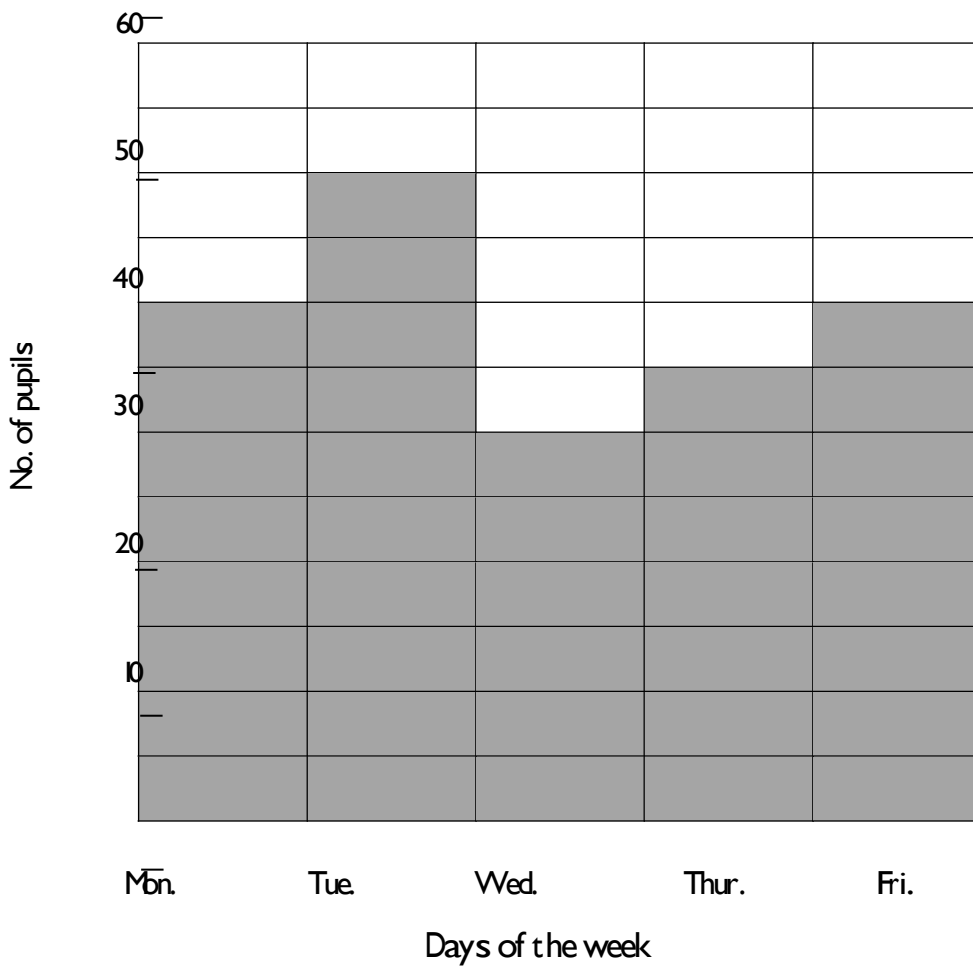
(a)



(b)



32. The graph shows the attendance of P6 pupils third week of Twinbrook school. Study the graph and use it to answer the questions that follow.



- (a) How many pupils were present on Thursday? (1 mark)
- (b) Find the difference between the highest and lowest attendance in the week?

(2 marks)

- (c) What was the average attendance for the week? (2 marks)

### SOCIAL STUDIES

1. Name any one element of a good map.  
.....
2. State one use of a school library.  
.....
3. Mention the largest East African country.  
.....
4. Why is the 9<sup>th</sup> October, 1962 important to the people of Uganda?  
.....
5. Give any one problem the Karimojong face in their pastoral way of life.  
.....
6. Mention any one problem Uganda faces in trading with other countries.  
.....
7. How does the East African Community benefit from the Indian Ocean?  
.....
8. Apart from wild animals and physical features, mention any other tourist attraction in Uganda.  
.....
9. State how natural vegetation influences rainfall.  
.....
10. How do Ugandans show respect for the national anthem?

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11. Name the recent country to become member of the East African Community.  
.....
12. Who is the current President of Tanzania?  
.....
13. Why is the Equator marked  $0^{\circ}$ ?  
.....
14. State the compass direction where the sun rises.  
.....
15. If 1hr is equal to  $15^{\circ}$ , what will be the next longitude after moving for 2 hours from  $40^{\circ}$ E to the East?  
.....
16. Mention the cause of seasons.  
.....
17. Name the latitude that experiences two equinoxes in a year.  
.....
18. Besides attracting tourists, state the economic importance of waterfalls.  
.....
19. Give any one reason why population is high in highland areas of East Africa.  
.....
20. Mention one example of a block mountain outside Uganda.  
.....
21. What is an escarpment?  
.....
22. Where are coral reefs found in East Africa?  
.....
23. Give one way in which Lake Victoria promotes trade among the three East African countries.  
.....

24. Give the difference between a delta and an estuary.

.....  
25. Name the country where the source of the Blue Nile is located.

.....  
26. Write in full IGAD.

.....  
27. Give any one reason why Dr. I.K.Musaazi is remembered in the history of Uganda.

.....  
28. Which important discovery marked the end of the Stone Age?

.....  
29. What role did Kenneth Borup play in the development of agriculture in Uganda?

.....  
30. What enabled the Bantu speaking people to form kingdoms?

.....  
31. Give one use of a zebra –crossing.

.....  
32. What was the work of the Legislative Council (LEGCO) during British rule in Uganda?

.....  
33. Apart from taxes, give one other way government gets income.

.....  
34. State any one way in which a television is better than a radio as a means of communication.

.....  
35. Name one region in Uganda that has hot and dry climate.

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

36. Either: Mention any one way in which people are different.

.....  
OR: State any special way in which Allah created man.  
.....

37. Ether: State how you can identify your talent.

.....

OR: Who is referred to as “The Omnipresent”?

.....

38. Ether: Mses was chosen by God as a leader. Which group of people did Mses lead?

.....

OR: Why is Musa remembered in Islam?

.....

39. Ether: Suggest one way a teenager should treat adults.

.....

OR: Give one any in which Allah wants children to behave.

.....

40. Ether: What lesson do Christians learn from the story of the prodigal son?

.....

OR: What is Zakat?

.....

**SECTION B (60 MARKS)**

(Each question in this section carried four marks)

41. Study the table below and fill what is missing in the gaps left.

COUNTRY	CAPTAL CITY	CURRENT PRESIDENT
Burundi	.....	Pere Nkulunziza
Rwanda	Kigali	.....
.....	Juba	Salva Kiir
Kenya	Nairobi	.....



42a) In which country is the headquarter of the East African Community?

.....

b. What title is given to the person in charge of the day-to-day activities of the EAC?

.....

c. Give two ways in which Uganda benefits from being a member of the East African Community.

(i) .....

(ii) .....

43a) Where in East Africa is river Ruvuma?

.....

b. State two reasons why people settle near rivers.

(i) .....

(ii) .....

c. Apart from river Nile, name one other river in East Africa that has a delta.

.....

44. How were the following useful to early man?

a. Dog .....

b. fire .....

c. caves and thick trees.

.....

d. Wild fruits and root tubers

.....

45a. Give any two reasons why Kabaka Muteesa I invited missionaries to come to Buganda.

(i) .....

(ii) .....

b. Suggest any two problems which the early missionaries faced in Uganda.

(i) .....

(ii) .....

46a. Give any two reasons why people leave one rural area and settle in another rural area.

(i) .....

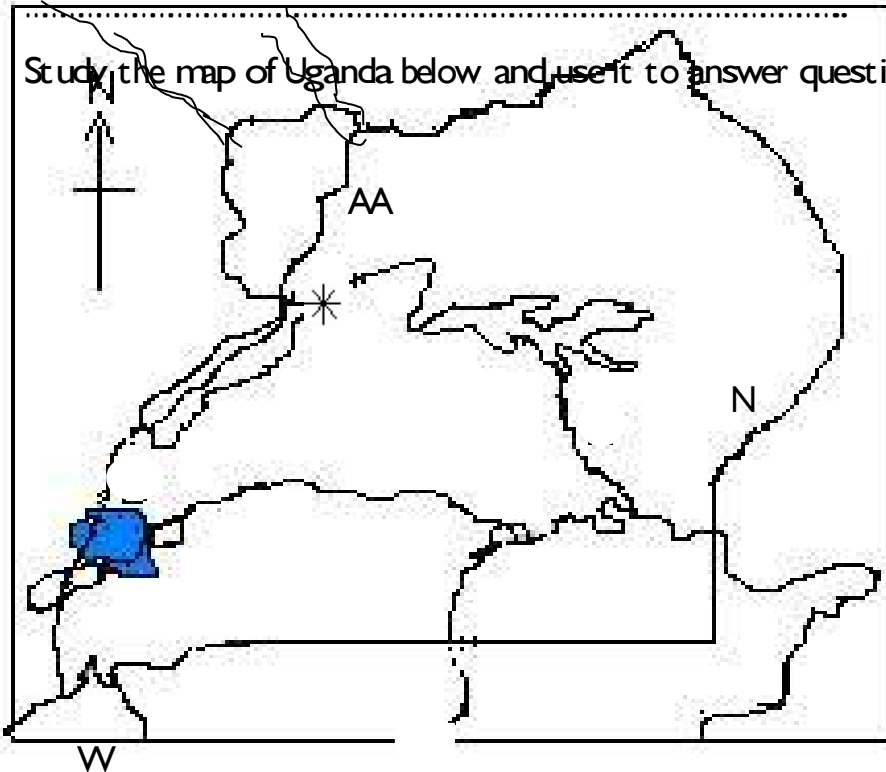
(ii) .....

b. Mention any two problems that can be caused by rapid population increase in a village.

(i) .....

(ii) .....

47. Study the map of Uganda below and use it to answer questions that follow.



a. Name the country marked with letter W.

.....

b. Name the historical site in place labelled \*

.....

c. Give one reason why many tourists visit the place marked Z

.....

d. Name the Lake marked N

.....

48a. Who designed the Uganda national flag?

.....

b. Name the flag that was removed from the mast as the Uganda flag was being raised for the first time

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c. Why was the Uganda flag raised?

.....

d. Name the national emblem of Uganda.

.....

49a. Mention the three leaders who started the East African Community.

(i) Uganda - .....

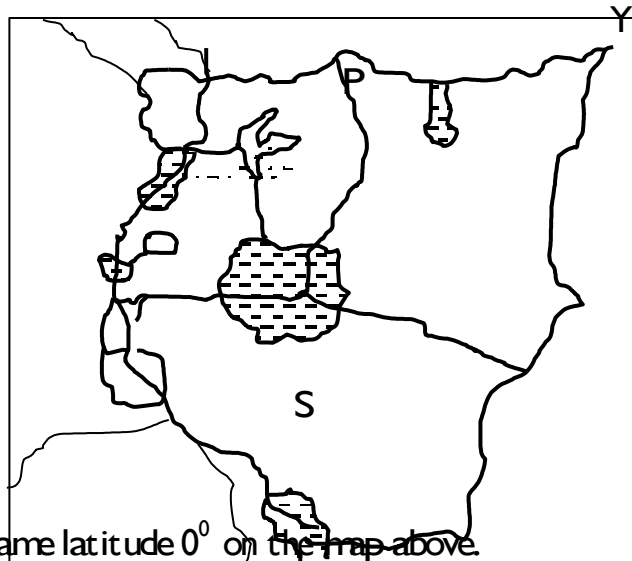
(ii) Kenya - .....

(iii) Tanzania - .....

b. Give one reason why it is good for countries to co-operate.

.....

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



a. Draw and name latitude  $0^{\circ}$  on the map above.

.....

b. Mention the political problem which the people in country Y face.

.....

c. Of what formation is the lake marked S?

.....

d. Name the mountain found in place P.

.....

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

number.

51 Either:

a. Name the two European Christian men who introduced Christianity in Uganda in 1877.

(i) .....

(ii) .....

(b) Name the organization which sent the people mentioned above.

.....

c. Why is Alexander Mackay remembered by Christians in Uganda?

.....

OR:

a. Which religion existed in Uganda before the introduction of Islam?

.....

b. Name the group of foreigners who introduced Islam in Uganda.

.....

c. State any two reasons why Islam spread slowly in Uganda.

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

.....

52 Either:

a. Give any two reasons why a good Christian needs to work hard.

(i) .....

(ii) .....

(b) Mention any two examples of work which good people do in a community.

(i) .....

(ii) .....

OR:

a. What was the work of Muhammad (SAW) before he got the revelation?

.....

b. Give any two reasons why a good Muslim needs to work hard.

(i) .....

(ii) .....

c. Give one example of work which a good Muslim can do to meet his or her needs.

.....

53. Either:

a. What is the meaning of “suffering”?

.....

b. According to the Bible, which two people brought suffering on earth?

(i) .....

(ii) .....

c. State any one result of suffering of man.

.....

Or:

a. What is Sadaq?

.....

b. State the difference between Sadaq and Zakat.

.....

c. Give any two examples of Sadaq.

(i) .....

(ii) .....

54. Either:

a. Mention two types of relationship.

(i) .....

(ii) .....

b. What caused the relationship between God and man to break?

.....

c. How did God restore His good relationship with man?

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OR:

- a. Why did God give Musa the pillars of Islam?  
 .....
- b. How do the pillars of Islam help Muslims?  
 (i) on earth? .....  
 (ii) after death? .....
- c. Give one way in which the pillars of Islam are similar to a constitution.  
 .....

55. EITHER: Match and re-write the name of person in list A to his occupation in list B, according to the Bible.

LIST A	LIST B
Joseph (Mary's husband)	Shepherd
Simon (Peter)	Tax collector
Matthew	Fisherman
Moses	carpenter

- a. Joseph (Mary's husband) .....
- b. Simon (Peter) .....
- c. Matthew .....
- d. Moses .....

OR:

Match the re-write the prayer in List A to the period when it is recited in list B.

LIST A	LIST B
Fajr	The early afternoon prayer
Aswir	The night prayer
Isha	The late afternoon prayer
Zuhr	The morning prayer
	The sunset prayer



a. Fajr .....

- b. Aswir .....
- c. Isha ..... d.
- Zuhr .....

## P.6 SCIENCE

Name: ..... Class .....

1. Name any one flightless bird.  
.....
2. Mention the class of food that is digested in the mouth.  
.....
3. Give any one use of wearing sun glasses.  
.....

4. How are grits useful to the digestive system of a bird?

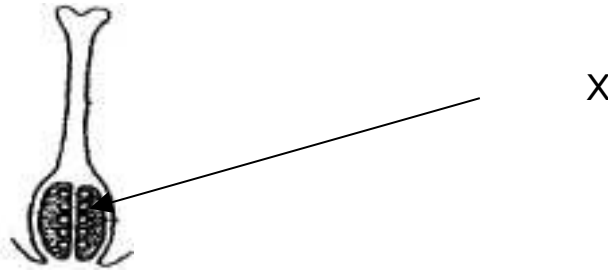
5. State any one way in which plants are important to soil.  
.....
6. What name is given to the liquid part of blood?  
.....
7. Why does the water we drink go to the kidneys before it is absorbed in the body?  
.....
8. Give one way of fighting diseases like measles and polio.  
.....
9. State any one result of not having enough iron in the body.  
.....
10. Mention the organisms that can be controlled by use of antibodies.  
.....
11. Give any one group of reptiles.  
.....
12. Why is burning referred to as a chemical change?  
.....
13. Why do carnivores have sharp claws?  
.....
14. Mention one disease of poultry caused by virus.  
.....
  
15. What type of leaf venation does a bean plant have?  
.....
16. Name any one example of percussion musical instrument.  
.....
17. Why are bats classified as flying mammals?  
.....
18. State any one example of ungulates common in people's homes.  
.....
19. State the importance of bacteria found in root nodules of legumes.  
.....
20. How does yeast reproduce?

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- 21. How is the sun useful in rainfall formation?  
.....
- 22. State the main reason for mulching a garden.  
.....
- 23. What is aerobic respiration?  
.....
- 24. To which group of vertebrate so monkeys belong?  
.....
- 25. Give one example of a plant fibre.  
.....

The diagram below shows part of flower. Study and use it to answer questions 26 and 27.



- 26. What general name is given to the part of a flower shown above?  
.....
- 27. What does part marked X develop into after fertilization?  
.....
- 28. Why does a fish die when removed from water?  
.....
- 29. Give one way in which frogs catch their prey.  
.....
- 30. Give any one example of crustaceans.  
.....
- 31. What diseases is one likely to get when walking in water that is infested with water snails?  
.....
- 32. Give any one way of making a piece of land more fertile.  
.....
- 33. Mention one method used to find volume of liquids.  
.....

34. By what process does paraffin from the tank of a kerosene lamp move through the

wick?

- .....
35. Both a frog and a toad are amphibians. State the difference in their way of breathing.

.....

The diagram below shows a head of a bird. Study it carefully and answer questions 36 and 37.



36. To which type of birds does the one above belong?

- .....
37. Mention any one example of food which the bird shown above feeds on.

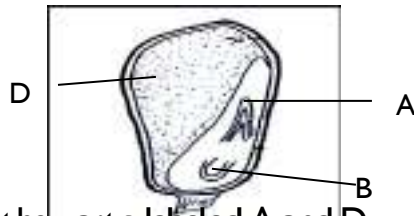
- .....
38. What type of skeleton does a cockroach have?

- .....
39. Give one reason why poultry farmers de-beak their birds.

- .....
40. Why is an earth-worm called an invertebrate?

SECTION B

41. The diagram below shows the structure of a maize grain. Study it carefully and answer the questions that follow.



- a. Name the parts labeled A and D.

A .....

D .....

- b. What is the function part labelled B?

- .....
- c. Why is a maize grain called a fruit?

- .....
- 42a. Mention any two diseases spread by a housefly.



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(i)

.....

(ii) ..... b.  
How is a housefly adapted to carrying germs?

.....  
c. State the economic importance of houseflies.

.....  
43a. Name any one exotic breed of rabbits.

.....  
b. List two diseases that attack rabbits.

(i) ..... (ii)  
..... c

Why do some farmers prefer keeping rabbits to pigs?

.....  
44. Use the information provided in the table below to answer the questions that follow.

A	B	C
Toad Frog newt	Snake Lizard Chameleon	Ostrich Vulture Eagle kite

a. To which group of vertebrate do animals in B belong?

.....  
b. Which of the animals in list C cannot fly?

.....  
c. Give a reason why the animal you have named above cannot fly.

.....  
d. How is the movement of animals in A different from that of animals in B?

.....  
45a. How do trees control soil erosion?

.....  
b. Mention any three methods of farming which can control soil erosion.

(i) .....

(ii) .....

(iii) .....

46a. What is a pest?

.....  
b. Give one example of a crop pest.

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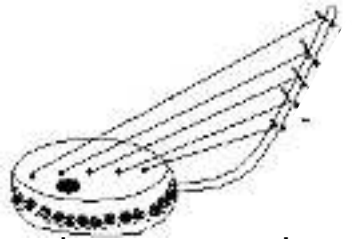
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c. Suggest any two ways crop farmers can control crop pests in their gardens.

(i) .....

(ii) .....

47. Study the diagram of a musical instrument below and answer questions that follow.



a. How does the instrument above produce sound?

.....

b. Why is it not possible for sound to pass through a vacuum?

.....

c. Mention the state of matter through which sound travels fastest.

.....

d. How do bees and mosquitoes produce sound?

.....

48a. Mention any two examples of algae.

(i) ..... (ii)

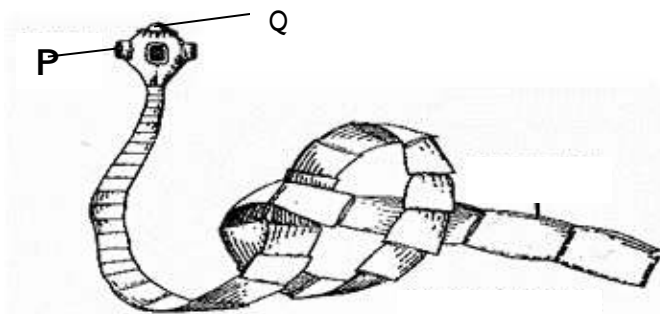
..... b.

State any two uses of algae.

(i) .....

(ii) .....

The diagram below shows a type of worm. Study it and answer the questions that follow.



49a. Name the worm shown above.

.....

b. Name the parts marked P and Q.

(i) P .....

(ii) Q .....

c The table below shows insects and their larval stages. Study it carefully and fill in the missing words.

Insect	Larva stage
Butterfly	.....
.....	Wiggler
.....	maggot

b. How is the larva stage of a butterfly dangerous to people?

.....

5 b. What is matter?

.....

b. What is the smallest indivisible particle of matter called?

.....

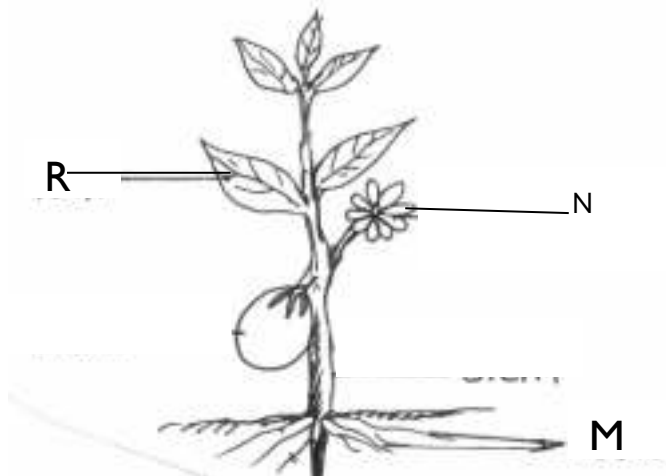
c. What happens to a metal that is put under very cold temperature?

.....

d. Why do electric wires look bent between poles on a hot day?

.....

Study the plant shown in the diagram below and answer the questions that follow.



52a. Name the part marked with letter N

.....

b. State the function of the part marked with letter R.

.....

c. To which root system do the roots marked M belong?

.....

d. Apart from eating it as food, give one other use of the above plant to people.  
.....

53a. State one use of each of these soil types.

(i) Clay .....

(ii) Sand .....

(iii) State one reason why clay soil is able to keep water in it for long.  
.....

c. Give one reason why sand is used when filtering water.  
.....

54a. In which plant kingdom would you place mushrooms?  
.....

b. Apart from mushrooms, mention one other organism that falls in the kingdom named above.  
.....

c. How does a mushroom feed?  
.....

d. How does a mushroom reproduce?  
.....

55. The diagram below shows a fish. Study it carefully and answer the questions that follow.

