



IVORY INTERNATIONAL SCHOOL

KINDERGARTEN AND PRIMARY MIXED DAY AND BOARDING
BULOBA – MITYANA ROAD

YEAR 6 BEIJING
BREAK OFF PACKAGE TERM I 2020
SET I (A)

ENGLISH

Name: _____

SECTION A **Sub-section I**

For questions 1 – 10, use the most correct word to fill the gaps.

1. If she gets the tools she needs, she _____ repair my car well.
2. Nassuuna asked me how much _____ I paid the taxi conductor.
3. The motorist used the _____ instead of the exit at the petrol station.
4. _____ had we begun the lesson, when it started to rain.
5. Has the _____ breastfed its kids yet?
6. Daddy took my shoes to the _____ for repair.
7. That is _____ lady whose car was towed to Wandegeya Police Station.
8. None of the speakers raised a _____ of enquiry during the debate yesterday.
9. The twins have not shared the fruits _____ themselves.
10. The bank in _____ my sister works got burnt yesterday.

For questions 11 – 15, use the correct form of the words in brackets to complete the sentences.

11. Abel Dhaira was _____ in Busoga. (bury)
12. Richard told us that he is a _____, not a Chinese. (Rwanda)
13. The driver's _____ for knocking the pedestrian was not clear. (explain)
14. I read an interesting _____ in the Daily Monitor Newspaper. (editor)
15. _____ leaders promote unity in communities. (culture)

In questions 16 and 17, re –arrange the given words in alphabetical order.

16. behalf, badge, behave, balance, bounce

17. curtain, equipment, traffic, road

For questions 18 and 19, use each of the given words in a sentence to show that you know the difference in their meaning.

18. sit _____

19. seat _____

In questions 20 and 21, re – arrange the words in each question to form a sensible sentence.

20. are to opposers The likely win debate the.

21. terrible was what accident a it!

In questions 22 and 23, rewrite the sentences giving the opposite form of the underlined words.

22. She looks smart in the long blue skirt.

23. Having won the day's debate, Babirye walked away.

Write the short forms of the following.

24. will not _____

25. public service vehicle _____

In questions 26 and 27, rewrite the sentences giving the plural forms of the underlined words.

26. I raised a point of education during the debate.

27. One journalist confessed to have given wrong information to the police.

For questions 28 and 30, rewrite the sentences giving one word for the underlined words.

28. That man is a good writer and composer of poems.

29. You should write your exams in a very tidy manner.

30. Our teachers like teaching well – behaved pupils.

Sub - section II

In questions 31 to 50, rewrite the sentence as instructed in brackets.

31. The opposer gave a good point. The proposer gave a good point.

(Join the sentences using 'both')

32. Parents ought to teach their children good behaviour.

(Rewrite and use.....should always.....)

33. The driver has not returned my car yet. I told you about him last Wednesday.

(Join and use:whom.....)

34. No sooner had we sung the anthems than the guest – of – hour arrived.

(Rewrite and begin: As soon as.....)

35. Luke disrespects the maid whenever his parents leave for work.

(Rewrite and useevery time.....)

36. Mummy doesn't own a car. Mummy doesn't own a motorcycle.

(Join and use...neither.....nor.....)

37. I have some money to pay the mechanic,?

(Rewrite the sentence and supply the best question tag.)

38. Pedestrians should not cross the road at the zebra crossing if the vehicles have not stopped. (Rewrite the sentence using.....mustn't...unless.....)

-
-
39. Take a seat, fasten your seat belt, get into the car.
(Re – arrange the ideas correctly and use: First,.....; next,.....;then,.....)
-
-
40. It is not necessary for drivers to disobey traffic police officers.
(Rewrite the sentence and use.....needn't.....)
-
-
41. Our school won the debate despite the fact that our debaters didn't have enough practice. (Rewrite the sentence and begin: Although.....)
-
-
42. mens clothes are very expensive nowadays. (Rewrite and punctuate correctly.)
-
-
43. The mechanic asked Aha if he had a car jack in the boot of his (Aha's) car.
(Rewrite and begin: "....." the mechanic asked Aha.)
-
-
44. None of the stamps I have bought is cheap. (Rewrite and begin: All.....)
-
-
45. Apolot is a very honest girl. (Rewrite and end:!)
-
-
46. A bus is fast. A motorcycle is also fast. (Join the sentences using...as well as.....)
-
-
47. Kwagalakwe has been employed by Centenary Bank. He is our teacher of English. (Join the sentences without using any joining word.)
-
-
48. The motorcyclist parked his motorcycle. He wanted to receive a telephone call. (Join the sentences using:.....so that.....)

49. Mugala borrowed a comprehension book from Albert.
(Rewrite the sentence and begin: Albert.....)

50. "The term has ended today," she said. (Rewrite and use....said that.....)

Section B

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

Debating, Debating,
All praises I throw unto you,
For you and I have sailed for long,
Confidence built in me by you,
I can speak to people confidently with tears running down my cheeks as I smile,
Because of nothing but the skills instilled in me,
You are indeed a friend.

Debating, Debating,
Thankful I am for what you have armed me with,
I can now organise and make things move,
Organise things any time I am assigned a duty,
You have made me "move with my head high",
All because I am confident of myself,
You are indeed a friend.

Debating, Debating,
How wonderful you are to pupils!
You have made us fear none, but to respect all people,
Thanks to all my P.6 teachers,
You have made us feel whole,
You are all my friends.

Questions

(a) What is the poem about?

(b) Why does the writer praise debates according to stanza one?

(c) How many verses does the poem have?

(d) How does the writer of the poem speak to people?

(e) Why do you think tears roll down the writer's cheeks as he speaks?

(f) In which verse are teachers thanked?

(g) Who are the writer's friends talked about in stanza three?

(h) Give another word to mean the same as

(i) thankful: _____

(ii) assigned: _____

(i) Apart from the writer of the poem, who else has benefited from debates?

52. **The table below shows fatal road accidents which were recorded from June to October in 2015. The record was taken by Col. Kyoto Saidi. The recorded accidents took place in Kampala, Mukono, Wakiso and Jinja Districts. Use the information in the table to answer the set questions.**

Districts	Months				
	June	July	August	September	October
Kampala	24	04	41	15
Wakiso	12	10	05	16	20
Mukono	16	20	20	12	10
Jinja	32	04	14	02	14

Questions:

(a) What does the table above show?

(b) Who recorded the information shown in the table?

(c) When was the information above recorded?

(d) In which districts was the information recorded?

(e) Why do you think no accidents were recorded in Kampala in September?

(f) How many months registered the same number of accidents in Mukono District?

(g) How many more accidents were recorded in June than in August?

(h) In which way do you think road accidents can be reduced in Uganda?

(i) Give another word to mean 'fatal'.

(j) Which month registered the lowest number of accidents in Kampala?

53. **Read the passage below, and in full sentences, answer the questions about it.**

In Uganda, there are various ways of disseminating information from one place to another. One of these ways is through newspapers. There are many newspapers published in the country. These include: The New Vision, which is a government owned newspaper, The Daily Monitor, The Red Pepper, The East African, Bukedde (government owned), and The Independent.

Among the above newspapers, Bukedde is the most read, especially in rural areas. This is because it is written in a local language (Luganda), which most people can read with ease. Districts where Bukedde Newspaper sells like a hot cake include: Kampala,

Wakiso, Mukono, Masaka, Luweero, Mpigi, Kayunga and Kibogo, all in Buganda Kingdom.

All newspapers publish important information concerning education, agriculture, politics and health. They also have entertaining games for both the young and the old. School children are also catered for in the newspapers. There are always questions published in different newspapers on different days. Bukedde publishes examination questions on Mondays. Reading newspapers helps people access information that is relevant to their life – styles. We would be ignorant about some issues if it were not newspapers.

It is my appeal to all people who can read to continue reading newspapers so that they can up – date themselves with information.

Questions:

(a) Which country is talked about in the passage?

(b) How is information sent from one place to another according to the passage?

(c) In which part of Uganda do people read Bukedde Newspaper?

(d) Why do most people mentioned in the area above read Bukedde Newspaper?

(e) How many government owned newspapers are mentioned in the passage?

(f) Why do you think a P.6 pupil buys Bukedde newspaper every Monday?

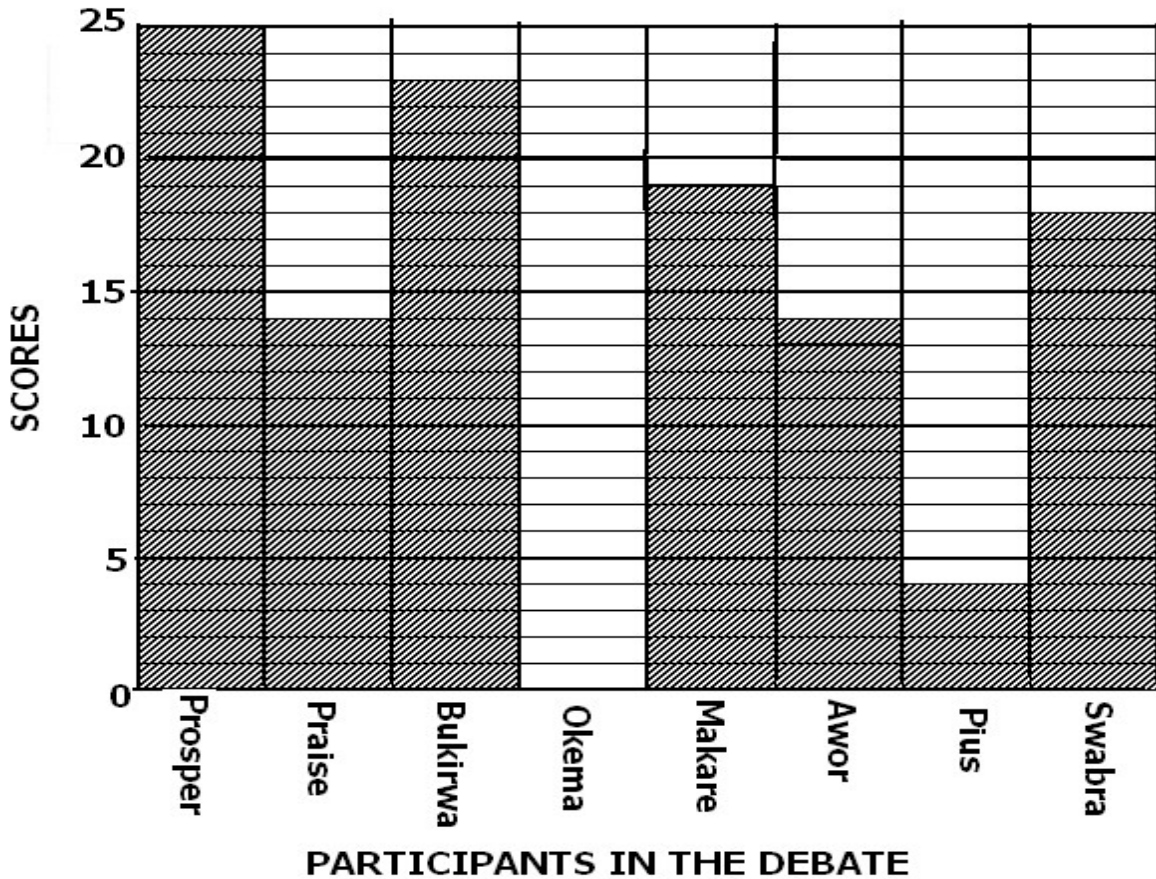
(g) What important information do farmers get from newspapers?

(h) Give another word to mean 'access' as used in the passage.

(i) What advice does the writer give all people who can read?

(j) Suggest a suitable title for the passage.

54. **The graph below shows scores got in the P.6 debate which took place at Liberty Primary School from 3:00 p.m. to 4:00 p.m. on 23rd April, 2014. use its information to answer all the set questions.**



Questions:

(a) What does the graph show?

(b) Where did the debate take place according to the given information?

(c) How many pupils took part in the debate?

(d) How long did the debate that day take?

(e) Which pupils scored the same mark in the debate?

(f) At what time did the debate take end?

(g) By whom do you think the scores were recorded during the debate?

(h) What score did Swabra and Praise get altogether?

(i) How many more points did Awor score than Pius?

(j) Who scored twenty-five points according to the graph?

55. **A twelve – year – old girl (Anita) studies at Lubatu Primary School. One day, she met a gentleman on her way from school. Complete the dialogue by filling in what you think were Anita’s responses.**

Gentleman: Good afternoon, girl.

Anita: _____

Gentleman: To which school do you go?

Anita: _____

Gentleman: What did you learn today?

Anita: _____

Gentleman: Good and bad behaviour! What does good behaviour involve?

Anita: _____

Gentleman: Respecting all people and being obedient to one’s elders! Are you an obedient pupil?

Anita: _____

Gentleman: That is very good. What advice do you give disobedient pupils?

Anita: _____

Gentleman: Yes, I agree with you. But who is responsible for the indiscipline of pupils today?

Anita: _____

Gentleman: Many people! Who are those people?

Anita: _____

Gentleman: The government and parents! Why the government?

Anita: _____

Gentleman: If the government stopped teachers from punishing pupils who have misbehaved, why don't the parent take it up?

Anita: _____

Gentleman: Parents have no time for their children. Then, that's funny!

Social Studies and Religious Education

SECTION A (40marks):

1. Okello was going to school in the morning when he saw his shadow on his left hand side. In which direction was Okello going?

2. Which line of longitude determines the standard time?

3. Name the water body where the River Nile flows from.

4. Give one reason why map symbols are used on a map.

5. From which country did the Bantu enter Uganda?

6. Which organisation sent most explorers to East Africa?

7. Of what importance is a museum to a country?

8. What political event took place in Uganda in 1894?

9. Why was Kabaka Muteesa II deported to Britain in 1953?

10. Give any one economic contribution of the Bachwezi to Uganda.

11. What earth movement causes seasons?

12. Mention one way in which the government of Uganda gets income.

13. Give one reason why most natural resources in Uganda are not fully exploited.

14. Give any one reason why the railway line was extended to Pakwach.

15. Why is air transport used by few people in East Africa?

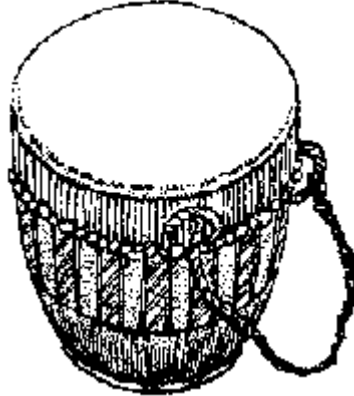
16. State any one source of information about the peoples of East Africa.

-
17. What name is given to a country which does not have direct access to the sea?
-
18. Why are most people in Uganda living under poor conditions?
-
19. State one way in which goats are socially important to the people of East Africa.
-
20. What was the major role performed by Legislative council in Uganda during the colonial period?
-
21. Give one reason why Ugandans wanted to get independence.
-
22. State one human activity that has led to the destruction of wetlands in Uganda.
-
23. How did the Arabs contribute towards religion in East Africa?
-
24. Which type of Vegetation is suitable for most wild animals in East Africa?
-
25. Mention any one special interest group which is represented in Uganda's Parliament today.
-
26. Give one reason why the colonialists used direct rule in some of their colonies in East Africa.
-
27. Mention the weather instrument used to measure the speed of wind.
-
28. Mention one reason why most imported goods are cheaper in Kenya than in Uganda.
-
29. Give one factor that affects social services in Uganda.
-
30. Which country lies to the East of Uganda?
-

31. Give one reason why Uganda should have good relations with her neighbours.

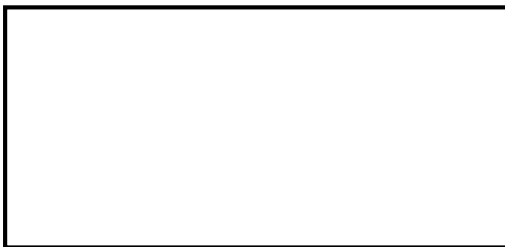
32. Mention one tribe that belongs to the Nilo Hamites in Uganda.

33. How was the instrument in the diagram shown below important to the people of long ago?



34. In which way does the construction and maintenance of feeder roads promote farming in Uganda?

35. Draw a map symbol of a bridge in the space provided below.



For questions 36 – 40, answer either Christianity or Islam "BUT NOTE" both.

36. **Either:** When does the Lent period end in Christianity?

Or: What Islamic festival marks the end of fasting?

37. **Either:** Give one way Christians overcome temptations.

Or: Give one way Moslems overcome temptations.

38. **Either:** Give one reason why Christians should not be selfish.

Or: Give one reason why Muslims should not be selfish.

39. **Either:** How did God punish the people for their sins during Noah's days?

Or: How did Allah punish people for their sins during Nuhu's days?

40. **Either:** Who was the mother of John the Baptist?

Or: Who was the mother of Prophet Muhammad? (P.B.U.H)?

SECTION B

41(a) Mention any two modern means of communication.

(i) _____

(ii) _____

(b) State two ways in which television stations have promoted economic development in Uganda.

(i) _____

(ii) _____

42(a) What is rural – urban migration?

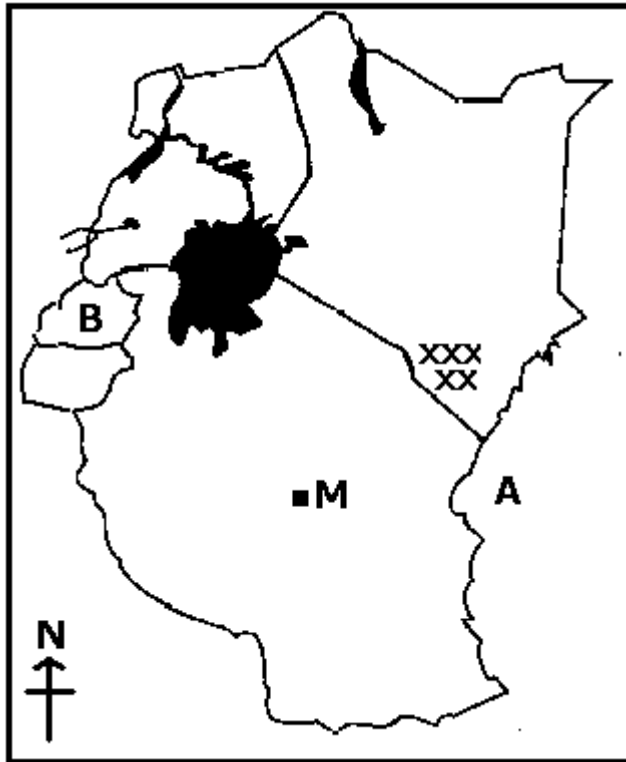
(b) State two causes of rural – urban migration.

(i) _____

(ii) _____

(c) Give one problem faced by people who live in urban areas of East Africa.

43. Study the map of East Africa below and answer questions that follow.



(a) Name the water body marked with letter A

(b) Name the town marked with letter M

(c) What is the direction of town M from B?

(d) State the major problem which hindered the construction of the Uganda Railway at the area marked xxxx

44(a) State the group of foreigners who constructed Fort Jesus.

(b) Why was Fort Jesus built by the foreigners mentioned in 43 (a) above?

(c) Of what economic use is Fort Jesus to Kenya today?

(d) What title was given to the Arab leaders of coastal towns?

45(a) Name two member countries of the East African community that are crossed by the Equator.

(i) _____

(ii) _____

(b) Give any two reasons why regional economic groupings are formed.

(i) _____

(ii) _____

46. In the table below match the names in group A with the statements in group B.

A	B
Lake Victoria	Entry point for early Europeans to East Africa
Kabaka Mwanga	Tried to find the source of River Nile from its mouth
Bagamoyo	Named in honour of the Queen of England
Sir Samuel Baker	Persecuted Christian converts in Buganda

(a) Lake Victoria _____

(b) Kabaka Mwanga _____

(c) Bagamoyo _____

(d) Sir Samuel Baker _____

47(a) Which government programme has been put in place to provide basic education for children in Uganda?

(b) State two ways in which the central government supports government schools in Uganda

(i) _____

(ii) _____

(c) Give any one factor that makes education of children in schools almost difficult.

48(a) What type of transport did the Arabs use to come to the East African coast?

(b) State one way in which the Arabs contributed to the economic development of East Africa.

(c) State two methods that the British used to stop slave trade in East Africa.

(i) _____

(ii)

49. Manisuli Kazibwe earns shs. 800, 000 a month and spends it as follows:

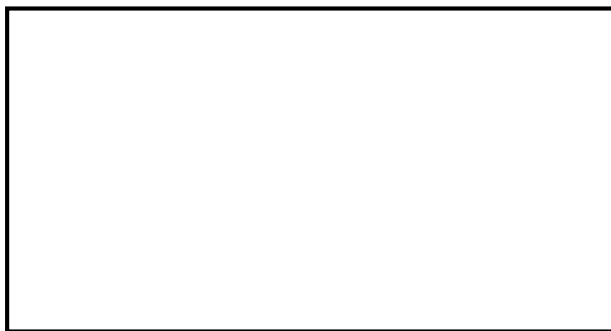
- i) Rent - shs. 150,000
- ii) Fees – shs. 200,000
- iii) Food – shs 250,000
- iv) Others – shs 100,000
- v) Savings – sh. ??

(a) Calculate Manisuli Kazibwe's expenditure

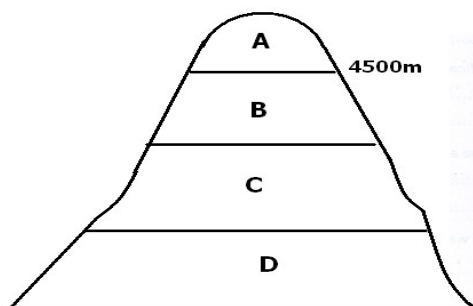
(b) Calculate his savings.

(c) What type of budget does Manisuli Kazibwe use?

(d) Draw a diagram to show Munisuli Kazibwe budget.



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



(a) Why is area marked A not suitable for human settlement?

(b) State two problems which farmers living in areas marked C are likely to face

(i) _____

(ii) _____

(c) Mention one crop that can be grown in area marked D.

For questions 51 – 55, answer either Christianity or Islamic but Not both.

51. **Either:** (a) Why did God give Moses the Ten Commandments?

(b) How does keeping the Ten Commandments help Christians?

(i) on earth: _____

(ii) After death: _____

(c) State any one way a P.6 pupil can promote peace at school.

Or: (a) Why was the Tauret revealed to Musa?

(b) How are the pillars of Islam important to Muslims?

(i) on earth: _____

(ii) After death: _____

(c) State any one way a P.6 pupil can promote peace at school.

52. **Either:** (a) How did Adam and Eve spoil their relationship with God?

(b) Which animal tempted Adam and Eve to disobey God?

(c) Give two ways in which people spoil their relationship with God today

(i) _____

(ii) _____

Or: (a) How did Adam and Hawa spoil their relationship with Allah?

(b) Which animal tempted Adam and Hawa to disobey Allah?

(c) Give two ways in which people spoil their relationship with Allah today

(i) _____

(ii) _____

53. Either: (a) Who became the leader of the apostles after Jesus Christ had ascended into heaven?

(b) Why did Jesus Christ send the Holy Spirit to the apostles?

(c) What name is given to the day when the apostles received the Holy Spirit?

(d) Give one way in which the Holy Spirit helps Christians today.

Or: (a) Who became the leader of Muslims after the death of Prophet Muhammad?

(b) Why do Muslim men pray separately from women in the mosques?

(c) Name the place where Prophet Muhammad received the Holy Qur'an.

(d) Give one way in which the Holy Qur'an helps Muslims today.

54. **Either:** (a) What is "work" according to Christianity?

(b) Give two reasons why Christians work.

(i) _____

(ii) _____

(c) "You bad and lazy servant!" his master said. (Matthew 25:26) Why did the master take away even the little coins he had given to the bad and lazy servant?

Or: (a) What is work according to Islam?

(b) Give two reasons why Muslims work.

(i) _____

- (ii) _____
- (c) In which one way does the life of Prophet Muhammad teach people to relate well with others?
- _____

55. **Either:** (a) Mention two factors contributing to the increasing moral decay among the Christian youth today.

(i) _____

(ii) _____

(b) Give one way moral decay can be controlled among the Christian youth today.

(c) State one effect of moral decay among Christian youth in Uganda.

Or: (a) Mention two factors contributing to the increasing moral decay among the Muslim youth today.

(i) _____

(ii) _____

(b) Give one way moral decay can be controlled among Muslim youth today.

(c) State one effect of moral decay among Muslim youth in Uganda.

Integrated Science

SECTION A (40 Marks):

1. Name the part of a flower that develops into a fruit.

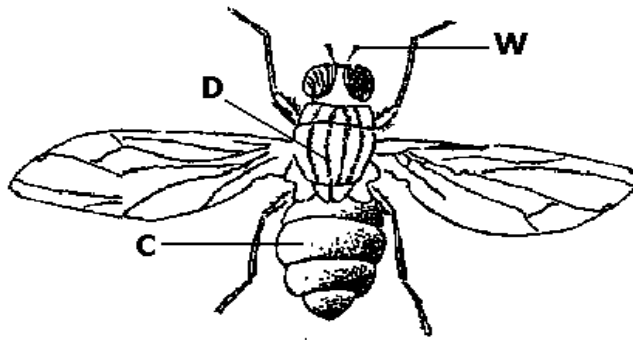
2. State any one characteristic of reptiles.

3. Mention any one method that can be used to control the spread of AIDS.

4. How is a white blood cell similar to the amoeba?

5. Name the instrument used to measure the human body temperature.

The diagram below shows an insect. Use it to answer questions 6 and 7.



6. Name part marked D.

7. How is part marked W important to the insect?

8. State any one method that can be used to store sound.

9. Why do poultry farmers keep broiler birds?

10. Besides giving us food, how else are the plants important in the environment?

11. How is the queen excluder important in a modern beehive?

12. By looking at the plant, how can you tell that the plant is a cereal?

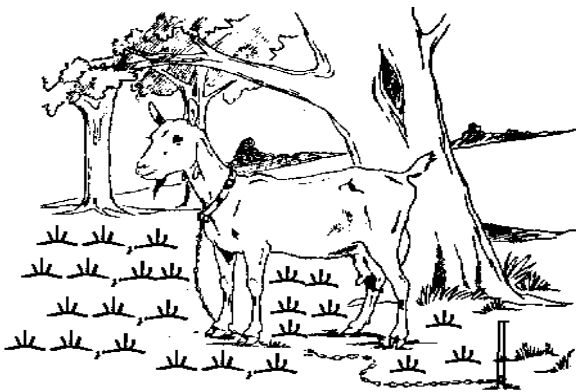
13. Saliva is very important during food digestion. State any one factor that can stimulate the production of saliva.

14. Name the mineral salt in the body necessary for the production of the red blood cells.

15. State the basic way through which soil is formed.

16. Why do objects weigh less in water than in air?

The diagram below shows a method of grazing goats. Use it to answer questions 17 and 18.



17. Name the method of grazing goats shown above.

18. How do sweaters children wear keep them warm?

19. Mention any one use of electricity in our homes.

20. Dehydration is known to be dangerous to man since it can cause death. State one way dehydration can be useful to man.

21. Name the vector that spreads sleeping sickness to man.

22. Write one thing that makes a tape worm able to survive in the intestines.

23. State any one activity that can be carried out to keep the environment clean.

24. Why is the pulp cavity considered the sensitive part of the tooth?

25. Name the body organs that remove urine from the body.

26. Why are gaps left between rails during the construction of railway lines?

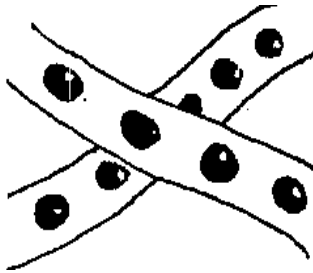
27. Where do seeds planted in the soil get oxygen for germination?

28. How does a fungus like ringworm feed?

29. What farm practice is used to provide tomato plants with support?

30. Give one function of the liver in our bodies.

The diagram below shows the spawn of an amphibian. Use it to answer questions 31 and 32.



31. What name is given to the organisms that hatch out of the eggs above?

32. Write the use of a barometer at a weather station.

33. State one advantage of breast-feeding to the mother.

34. What are water borne diseases?

35. Give a reason why mothers are encouraged to cover their heads while cooking.

36. Why does the earth appear dark when there are heavy clouds during daytime?

37. For Amodo to identify the part of a bicycle tube that had a hole, he placed an inflated tube in water. What property of air did he put into use?

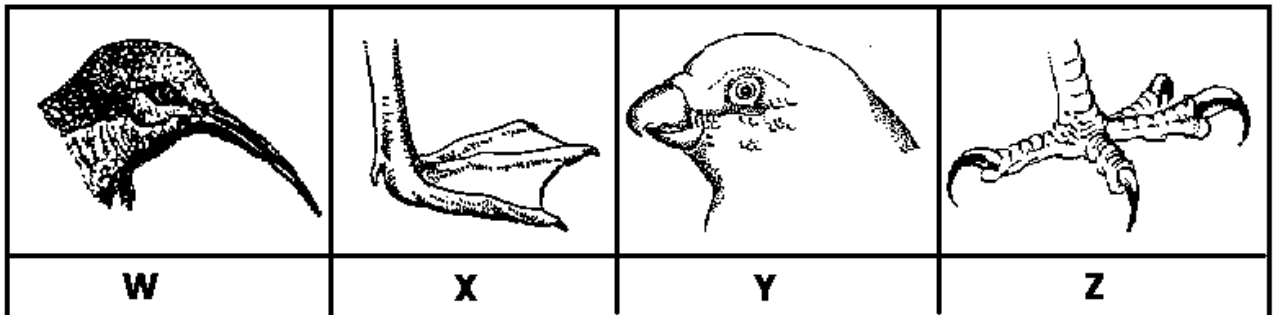
38. State the type of energy possessed by moving objects.

39. Give one factor considered when selecting a site for a house.

40. Why are we advised to keep right while walking on the road?

Section B

41. **The diagram below shows the beaks and feet of birds. Use it to answer questions.**



(a) What food does the bird with beak W feed on?

(b) How is foot marked X adapted to the movement of the bird that owns it?

(c) Name the bird that has beak marked Y.

(d) How is the foot marked Z useful to the bird?

42(a) Give two examples of root crops.

(i) _____

(ii) _____

(b) State one method that can be used to harvest root crops.

(c) How are the root crops preserved after harvesting them?

43. **Match the items in list A with those in list B.**

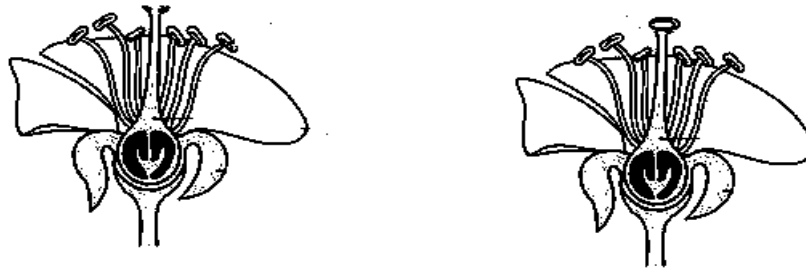
A

B

- | | |
|----------------------|-----------------|
| (i) lice | elephantiasis |
| (ii) tick | Yellow fever |
| (iii) tiger mosquito | relapsing fever |
| (iv) culex mosquito | typhus fever |

- (i) lice _____
- (ii) tick _____
- (iii) Tiger mosquito _____
- (iv) Culex mosquito _____

44. **The diagram below shows a type of pollination. Use it to answer question 45.**



- (a) Complete the diagram above to show cross pollination..
- (b) Give one characteristic of cross pollinated flowers.

- (c) State any one agent of pollination besides insects.

- (d) How are the bees adapted to pollinating flowers?

45(a) What is a balanced diet?

- (b) Mention any one class of food that makes up a balanced diet.

- (c) State one food stuff that is rich in the class of food mentioned in (b) above.

- (d) Give one way food can be useful in the body.

46(a) Give two reasons why people take alcohol.

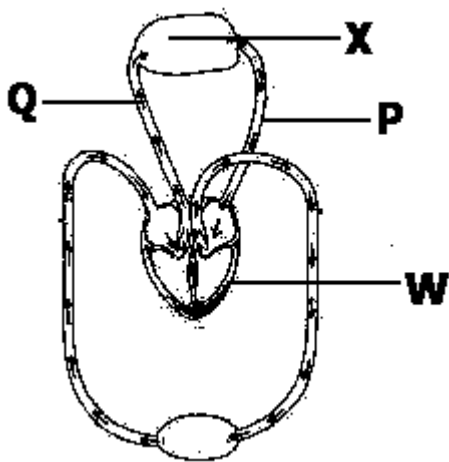
(i) _____

(ii) _____

(b) State one method that can be used to make alcohol.

(c) Mention one way alcohol can be harmful to man.

47. **The diagram below shows blood circulation in the body. Use it to answer the questions that follow.**



(a) Name vessel marked P.

(b) What role is played by the chamber marked W of the heart?

(c) Why does blood move to organ X?

(d) How is the heart adapted to preventing the back flow of blood?

48(a). Name the immunisable disease that causes the following;

(i) stiffness muscles _____

(ii) paralysis of the limbs _____

(b) How is the BCG vaccine administered?

(c) Why is BCG vaccine important to children?

49(a) Name two exotic breeds of rabbits.

- (i) _____
(ii) _____ (b)

Why is it necessary to keep rabbits in a hutch?

- (i) _____
(ii) _____

50(a) Why is it necessary to give first aid?

(b) State any one cause of accidents.

(c) Mention any common accident that takes place at school.

(d) State any one quality of a good first aider.

51. Define the following terms:

(a) solute

(b) solution

(c) How can you recover the solute from a solution?

(d). Why do solutes disappear in solvents after stirring?

52(a) How are the following parts in the ear important?

(i) pinna

(ii) cochlea

(b) What danger can be caused by the accumulation of wax in the ear?

(c) Why are we warned against pushing sharp objects in the ear?

53(a) State one example of the following:

(i) physical change

(ii) chemical change

(iii) biological change

(b) How is a chemical change similar to a biological change?

54(a) What is culling in animal management?

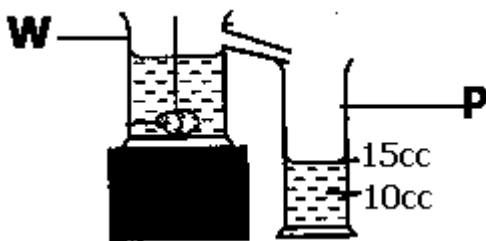
(b) Point out two factors that can make a farmer cull animals on a farm.

(i)

(ii)

(c) State one method used when culling animals.

55. **The diagram below shows a method of finding the volume of an irregular object. Use it to answer the questions that follow.**



(a) Name container marked W and P.

(i) W _____

(ii) P _____

(b) Why was such a method used?

(c) What does the water in container marked P represent?

Mathematics.
SECTION A (40 Marks)

1. Work out: $79 - 48$

2. Write 58,030 in words.

3. Given that set $C = \{2, 3, 7, 10, 11\}$ and set $D = \{3, 5, 6, 7, 11, 15\}$, find $n(C \cap D)$.

4. Simplify: $^{-}5 - ^{-}3$

5. Simplify: $\frac{2}{5} \div \frac{8}{15}$

6. Find the next number in the sequence: 2, 3, 6, 11, 18, _____

7. Simplify: $4gk + 3mn - gk - 5mn$

8. Show all the lines of folding symmetry in the figure below.



9. Wambede bought a bicycle at sh. 200,000 and sold it for sh. 167,500. Calculate the loss.

10. Change 4500g to kilograms.




11. What number has been expanded $600,000 + 1,000 + 400 + 5$?

12. What morning time is shown on the clock face below?



13. Work out: $7575 \div 15$

14. The table below shows numbers and their representation in tally marks. Study it carefully and answer the questions that follow. Complete the table below.

Number	Tally
6	
8
.....	
16	

15. A girl facing South East turns anti-clockwise through an angle of 135° . In which direction is she facing now?

16. Write 0.35 as a fraction in its simplest form.

17. Find the square of 13.

18. A lesson which lasted for 40 minutes ended at 9:35a.m. When did it begin?

19. Simplify: $\frac{2}{3} (15k + 6m)$

20. Kawuki uses 4 half litre packets of milk every day. How many litres of milk does he use in a week?

Section B (60 Marks)

21(a) Change 1101_{two} to base ten. **(2 marks)**

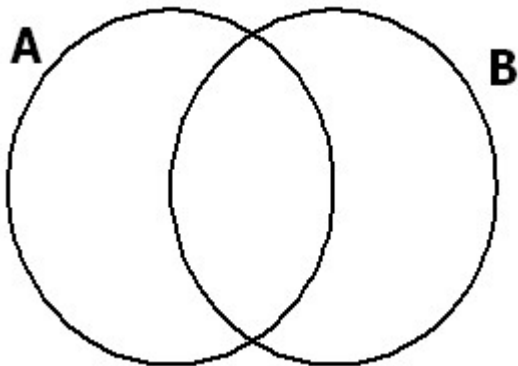
(b) What is the difference between the value of 3 and the value of 5 in 2,630,548? **(3 marks)**

22. Given that set $A = \{\text{Prime numbers less than 12}\}$ and set $B = \{\text{Odd numbers between 4 and 14}\}$.

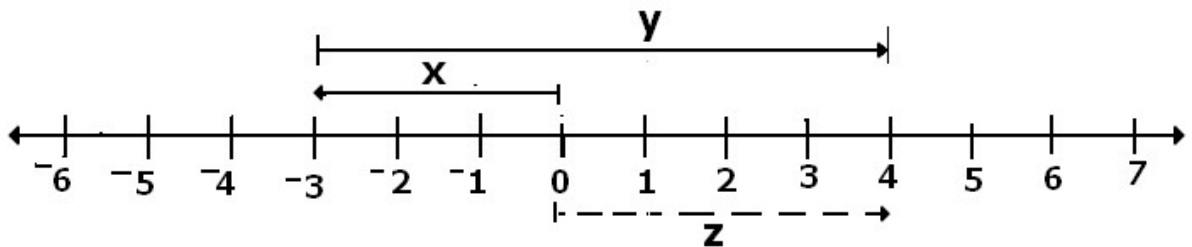
(a) Write down the members of set A. **(1 mark)**

(b) Write down the members of set B. **(1 mark)**

(c) Represent sets A and B on the Venn diagram below. **(3 marks)**



23. Study the number line below and use it to answer the questions that follow.



(a) State the integers shown by: **(1 mark each)**

(i) $x =$ _____ (ii) $y =$ _____ (iii.) $z =$ _____

(b) Write a mathematical statement for the above. **(1 mark)**

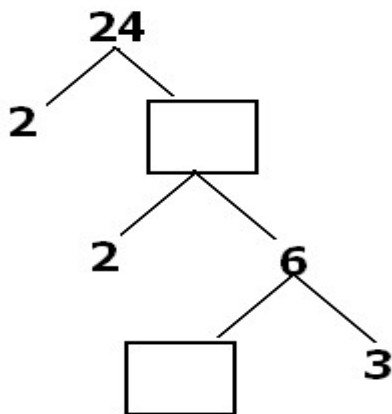
24. A school hired 6 buses and 8 taxis to go to a tour. A bus carries 65 students and a taxi carries 14 students.

(a) How many students did the buses carry? **(2 marks)**

(b) Find the number of students carried by the taxis. **(2 marks)**

(c) Find the total number of students who went out for the tour. **(1 mark)**

25(a) Fill in the missing numbers. **(2 marks)**



(b) Find the Lowest Common Multiple of 18 and 12. **(2 marks)**

26. Zaharah bought the following items from the market:

2kg of meat at sh. 8500 per kg

$\frac{1}{2}$ kg of salt at sh. 1200 per kg

3 bars of soap at sh. 3500 per bar.

(a) How much money did she spend altogether? **(4 marks)**

(b) If she remained with sh. 1900, how much money did she have at first?(1 mark)

27(a) Work out: $1.7 + 2.4 - 3.6$ (2 marks)

(b). What is $\frac{3}{5}$ of 350kg? (2 marks)

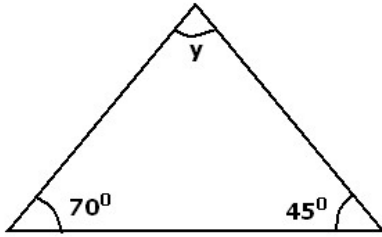
(c). Work out: $\frac{9}{10} \times 3\frac{1}{3}$ (2 marks)

28(a) If $a = 8$, $b = 6$ and $c = 2$, find the value of: $2a + bc$ (2 marks)

(b). Solve: $3(x + 5) = 21$ (3 marks)

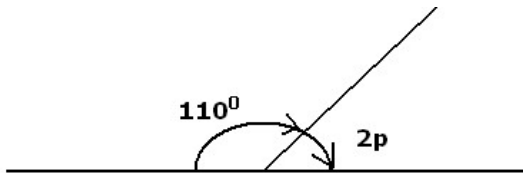
29(a) Calculate the size of angle **y** in the figure below.

(3 marks)



(b) In the figure below, find the value of **p**.

(3 marks)



30. A motorist covered 240km in $2\frac{2}{3}$ hours.

(a) What was the motorist's speed?

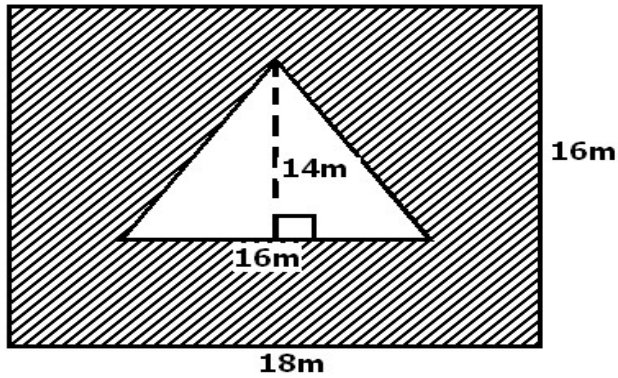
(2 marks)

(b). He covered another journey at the same speed in 2 hours. How long was the journey?

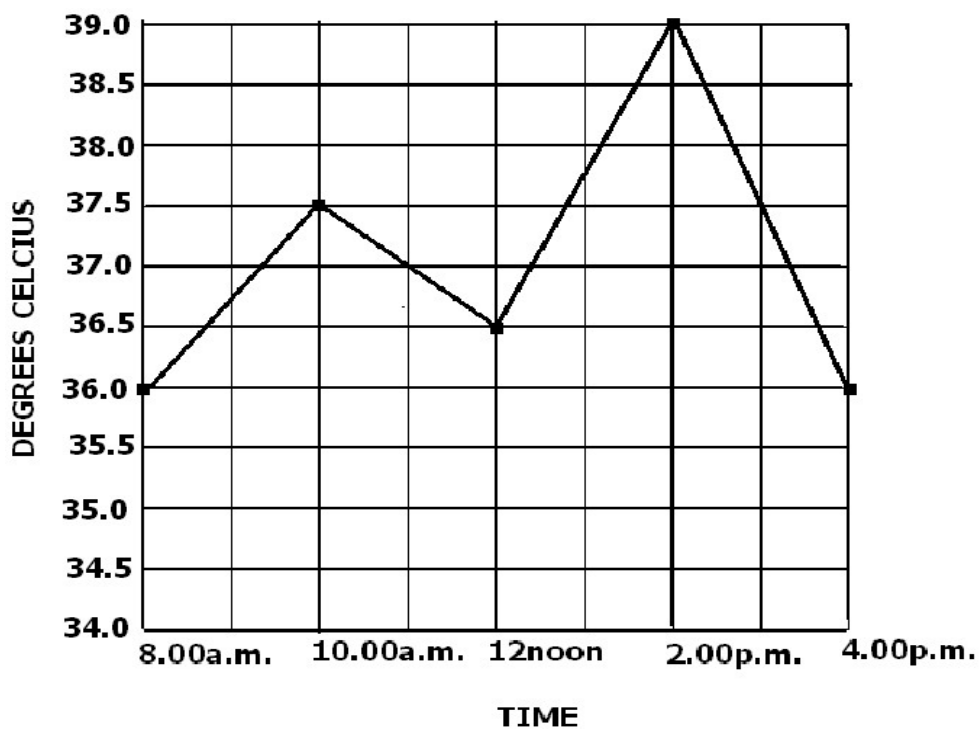
(2 marks)

31. Find the area of the shaded part in the figure below.

(5 marks)



32. The graph below shows a patient's temperature recorded at intervals of 2 hours from 8am to 4pm. Use it to answer the questions that follow.



(a) At what time was the temperature the same?

(2 marks)

(b) What was the highest temperature? **(1 mark)**

(c) At what time was the temperature 37.5°C ? **(1 mark)**

(d) Calculate the patient's average temperature. **(2 marks)**