

THE JEROX PRE - PLE SET II EXAMINATION 2023

Primary Seven English Language

TIME ALLOWED: 2 HOURS 15 MINUTES

Index No.	Random No.					Personal No.		

NAME: _____

SCHOOL: _____

SIGNATURE: _____ DISTRICT: _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO

READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. The paper is made up of two section A and B
2. Section A Sub - Section I has 30 questions (30 marks) and Sub - Section II has 20 questions (20 marks)
3. Section B has 5 questions (50 marks)
4. Answer all questions in both sections A and B.
5. All answers must be written in the spaces provided in BLUE or BLACK ink.
Only diagrams should be drawn in pencil.
6. Unnecessary crossing will lead to loss of mark
7. Poor handwriting, which can not be easily read may lead to loss of marks.

FOR EXAMINER'S USE ONLY

SECTION	SCORES	REMARKS
A		
B		
TOTAL		

Teacher's comment to the pupil

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SECTION A
SUB-SECTION I

In each of the questions 1- 10, use the correct form of the word given in brackets to complete the sentences.

1. Aaron should not leave without my _____. (permit)
2. Mr. Morvine is the _____ of the two men. (heavy)
3. One should love _____. enemies. (one)
4. The forest officer _____ the community to plant trees. (courage)
5. During heavy rainfall, the water _____ into our houses. (flow)
6. Kampala city is a very _____ area. (populate)
7. Counting money _____ attracts thieves. (public)
8. Cheating during exams leads to _____ of candidates. (disqualify)
9. Our school will elect a new _____ body. (prefect)
10. It is not good for school children to walk _____ during the holidays. (aim)

In each of questions 11 to 15, fill in the blank spaces with the most suitable word.

11. He turned _____ the television because he wanted to watch cartoons.
12. That is the teacher from _____ garden we got this orange.
13. The seller gave me a _____ after I had paid him.
14. We are always encouraged to _____ well in our exams.
15. _____ taken the porridge the baby felt full.

In questions 16 and 17, re-write the sentence giving the opposite of the words underlined.

16. People should not destroy trees in the environment.
17. The entrance to the garage is very narrow.

In question 18 and 19, give the singular form of the given words.

18. flies _____
19. tablecloths _____

For questions 20 and 21, give the full forms of the given abbreviations.

20. sec. _____
21. ABS _____

In each of the questions 22 and 23, re-arrange the given words in alphabetical order.

22. carry carrier carried courage
23. lender borrow lend borrower

For questions 24-25, rewrite the sentences giving one word for the underlined group of words.

24. The athletes ate a lot of oranges and mangoes after the match.

25. The debaters spoke in audible voices.

26. I have not seen the vehicle used to carry dead bodies.

In questions 27 and 28, use the given words in meaningful sentences to show that you know the difference in their meaning.

27. dye _____

28. die _____

Arrange the words in 29 and 30 to make meaningful sentences.

29. cutlery you wash did the?

30. important how are farmers community our in!

Sub-Section II

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

31. They are my friends, aren't they? (Re-write beginning: They are not)

32. Maureen has played football a few minutes ago.
(Re-write the sentence ending: now)

33. "That novel looks interesting," said Kevin. (Re-write beginning: Kevin said that.....)

34. Both you and her are surgeons. (Re-write the sentence using:and so

35. The van is very small. Those children cannot fit in it.
(Re-write using: too to

36. They made some cakes. They were in a shape of a circle.
(Rewrite ending: cakes.)

37. Malaya drew an extremely nice picture on Monday.
(Re-write begin: What

38. This is the prefect. I borrowed a set from him.
(Re-write as one sentence using: whom

39. Sandra will send an email to me. Sandra will send a telegram to me.
(Re-write as one sentence using: either)

40. There are few hardworking pupils in our class.
(Re-write using: hardly

41. If we pay attention to our teachers, we shall pass our examination.
(Re-write using: would have

42. Naomi is shorter than Nalume. (Re-write using:not as

43. I did not have fare but I traveled by bus.
(Re-write the sentence using: even though

44. The boys in our class like singing more than acting drama.
(Rewrite using: would rather

45. We assembled at the bus stop. It arrived at the bus stop.
(Re-write beginning: No sooner

46. Money can be withdrawn from any Airtel booth.
(Re-write beginning: People

47. Keto is very young. He cannot marry.
(Re-write using: enough

48. Our neighbour has just returned from Sudan.
(Re-write using: of

49. Nobody knew that I was sick. (Re-write the sentence using: about

50. Fatumah drank in a broken cup. (Re-write the sentence using: which

SECTION B

51. Read the story below carefully and then in full sentences, answer the questions that follow.

My name is Kemigisha Simon. I am in Primary Seven at Kabimbiri Primary School. Our school holds functions such as Speech Day, Sports Day, Open Days, Parents' Days, Education Week and Concerts. On such days, parents and other invited guests visit the school to see the pupils' work.

Last year, our school organized an end of year concert. All pupils were encouraged to participate in the various activities. The activities included songs, plays, poems, speeches and dances. Every class was supposed to present at least two items. The teachers were responsible for helping the pupils with their rehearsals. We rehearsed for a month.

When all was ready, the head teacher sent invitation letters to the parents. The concert was held on the last Friday of the term. Very many parents attended. The school teachers and prefects welcomed the parents. The programme for the day read as below.

12:00p.m – Pupils assemble in the main hall.
12:10p.m – Arrival of invited guests.
12:15p.m – Arrival of guest of honour.
12:20p.m – Singing of the National Anthem and the School Anthem.
12:30p.m – Concert begins. (Reciting poems, traditional folk songs, creative dance, traditional dances and other activities)
3:20p.m – Head girl's speech.
3:30p.m – Head teacher's speech.
3:40p.m – Guest of Honour's speech.
4:00p.m – Trophy and Certificate presentation.
4:20p.m – National Anthem.
4:25p.m – Departure.

The master of ceremonies was Mr. Kayibanda Silas. The parents were very impressed by the pupils' performance. Parents clapped and cheered their children as they presented various items on stage.

After all the presentations were over, the master of ceremonies invited the head girl to give her speech. It was an impressive speech. The head teacher, in a speech, thanked the parents for the big turn up and support given to the school. She also thanked the teachers and pupils for the wonderful work they do. The head girl then invited the guest of honour to address the guests.

The guest of honour was the District Education Officer. He said that Kabimbiri was one of the schools whose parents are taking advantage of UPE programme. He thanked everybody for the team spirit. He promised to buy costumes for the school choir. He then thanked the best performers and awarded them certificates. The National Anthem was sung. This marked the end of the programme.

Questions

a) What are some of the functions that take place at the writer's school?

b) In which school is the writer of the story?

c) How were the parents invited to the function?

d) Who assisted the head teacher in welcoming the parents?

e) Which activity took place at four in the afternoon that day?

f) When did the guest of honour arrive at the function?

g) What shows that the parents were very impressed by the pupils' performance?

h) What did the District Education Officer say about Kabimbiri Primary School?

i) How were the best performers appreciated at the function?

j) Suggest a suitable title to the above story.

52. A Read the dialogue below carefully and then in full sentences answer the questions that follow.

Trevor: You don't look fine at all. What is the matter?

Wilah: I played football yesterday. My body is now aching and yet I am supposed to take part in community work.

Trevor: Are you still repairing the village roads?

Wilah: No, that project was completed last month. We are now working on a bridge.

Trevor: Which bridge? What happened?

Wilah: It is the village bridge. It was swept away by the recent heavy floods.

Trevor: You need volunteers to help with the work. The bridge is useful to the whole community.

Wilah: That is a very good idea. You could, for example, organize the youth. We all have to work together if we are to succeed in this project.

Questions

a) Who are the people talking in the dialogue?

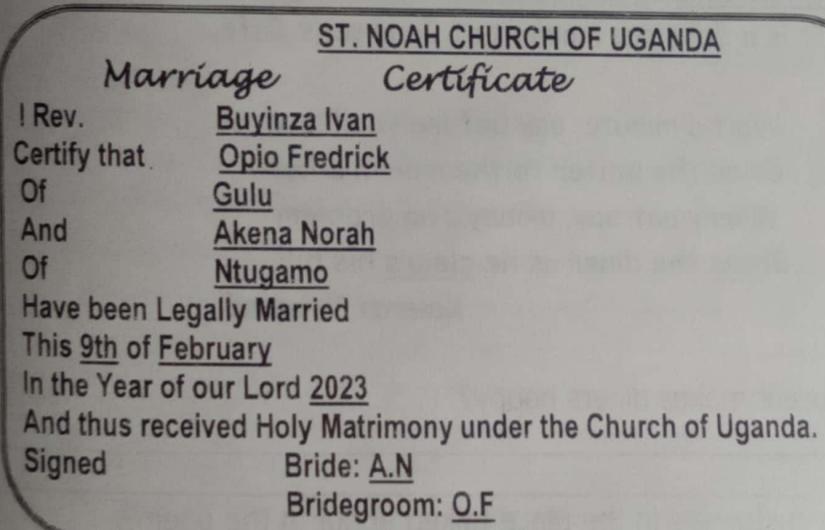
b) Why did Wilah have an aching body?

c) Why does the village bridge need repair?

d) How did Trevor organize the youth?

e) Why do you think the people talking are responsible citizens?

52. B Study the document below and then in full sentences answer the questions that follow.



Questions

a) Where did the wedding take place?

b) What do we call the above document?

c) When did the couple wed?

d) Who presided over the wedding?

e) Who are the people that received the above document?

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

Everyone will be as happy as they can
Particularly at a meal in a clean restaurant
Waiters serving you as best as they can
To ensure in time everything is done.
I'll have drumsticks and quickly I'll pay
Orders the customer in the other corner
Please don't delay, I'm not here to stay!
Complains the lady at the balcony table.

With meals well done and juice dully made
Diners in total silence and cutlery noisy
Waitpersons up and down with charming smiles
It is a delicious moment at Jangwer's Café.

Wait a minute, pay before you leave
Cries the waiter to the man in a hat
Worry not boy, money's no problem
Braggs the diner as he clears his bill.

Kalanzi Wynand.

Questions

a) What kind of restaurant makes diners happy?

b) Which people serve customers in the place talked about in the poem?

c) Why didn't the woman at the balcony table want the waiter to delay?

d) What makes noise according to the poem?

e) Which café had the poet visited?

f) Who wanted to escape without paying?



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PRIMARY SEVEN ENGLISH PRE-PLE SET II EXAMINATIONS
Break through the academic challenges with Jerox

Write a word or a group of words to mean the same as the underlined words in the poem.

g) waitpersons _____

h) clears _____

i) Suggest a suitable title to the poem above.

j) How many stanzas is above poem composed of?

54. The sentences below are in a wrong order. Re-arrange them to make a meaningful story about the death of the Village Chairman.

a) At 6:00p.m, Opio heard people wailing at the chairman's home.

b) The following morning there was a funeral service.

c) People still come to visit and console these sad people.

d) On hearing this wailing, Opio rushed to the chairman's home.

e) The deceased left a widow and ten children.

f) Opio entered the house and found that the chairman had actually died.

g) When he reached the home, the chairman's wife told Opio that the chairman had collapsed.

h) After the service, the body was buried.

i) A lot of villagers came to sympathise with the chairman's wife that night.

j) A lot of mourners attended the service.

55. In not more than 200 words, write a composition about a wedding ceremony you attended. Use the following points to guide you.

- (i) Your name and school.
 - (ii) The bride and the groom.
 - (iii) The venue for the wedding and reception.
 - (iv) People that attended.
 - (v) What excited you most that day.

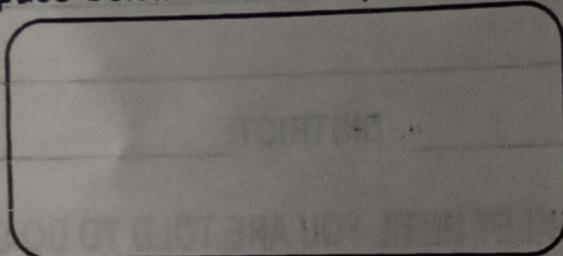


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PRIMARY SEVEN ENGLISH PRE-PLACEMENT TESTS

SECTION A (40 Marks)

(Question 1 to 40, carry one mark each)

1. Name the most dominant landform in Uganda.
2. Mention any **one** way a school canteen is important at school.
3. Why is Uganda called a landlocked country?
4. Give any **one** reason why L. Albert has fresh water and yet in the Rift valley.
5. Name the main cash crop grown at Doho irrigation scheme.
6. In the space below draw a map symbol of a swamp.



7. Why do most rivers flow from the highland areas?

8. State any **one** danger of over drainage of wetland.

9. Mention any **one** way lakes influence the climate of an area.

10. What role did formal education play in the rise of nationalism in Uganda?

11. Give any **one** use of an atlas to a P.7 pupil.

12. Write any **one** way gender equality can be promoted in a family.

13. Mention any **one** advantage of mixed farming.

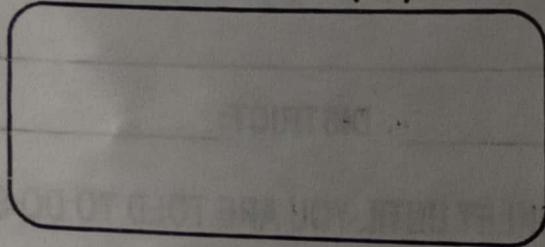
14. Why does Uganda trade with her neighbours?

15. How was the formation of Drakensberg Mountain different to that of Mt. Rwenzori?

16. Give any **one** role played by the Resident District Commissioner.

SECTION A (40 Marks)

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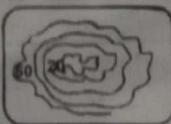
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PRIMARY SEVEN SOCIAL STUDIES PRE-PLACEMENT TEST
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17. Write the meaning of the term wildlife.

18. What does the map symbol below represent?



19. State any **one** use of a map to a traveller.

20. How helpful was Captain Lugard to King Kasagama of Tooro?

21. Give the role of a veterinary officer in the community.

22. Name the commonest method of catching fish on L. Victoria.

23. What game park would you advise a tourist who wants to see ostriches to visit?

24. Why was the Uganda railway built by the British?

25. Mention **one** economic problem caused by war in a country.

26. Give any **one** political contribution of the Chwezi.

27. State any **one** attribute of a good map.

28. In which way was Bishop Alfred Tucker helpful to the **IBEAC** in Uganda?

29. Why did the Assimilation policy fail in most parts of French West Africa?

30. Mention any **one** role played by the electoral commission in a country.

31. Name the fold mountain found in Morocco.

32. State any **one** role of Uganda People's Defence forces (**UPDF**).

33. How has the Great Man-made River improved the lives of Libyans?

34. State any **one** use of a school in the community.

35. What makes many swamps to grow around L. Kyoga?

For questions 36-40 answer either Christian or Islamic questions but not both alternatives in a number.

36. **Either:** Mention any **one** good act done by Christians during Lent.

Or: Mention any **one** way Muslims observe Saum during Ramadhan.

37. **Either:** How was the Holy Spirit important to the early Church?

Or: How is the Holly Quran important to a Muslim?

38. **Either:** State any **one** punishment God gave to Eve.

Or: State any **one** punishment Allah gave to Hawa.

39. **Either:** Why did God give the Israelites the Ten Commandments?

Or: Give the importance of Shariah laws to the Muslim community.

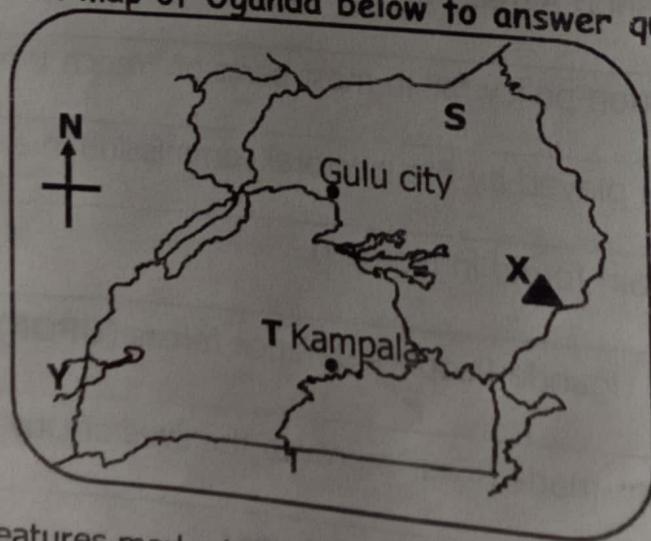
40. **Either:** What command did Jesus give to the Apostles on the Day of Ascension?

Or: Write any **one** message that was delivered by Prophet Muhammad (PBUH) in his last sermon.

SECTION B (60 MARKS)

(Questions 41 - 55 carries four marks)

Study the sketch map of Uganda below to answer questions 41.



41. a) Name the features marked X and Y on the map.
(i) X _____
(ii) Y _____



b) Mention the compass direction of Gulu city from Kampala.

c) Shade on the map an area well known for nomadic pastoralism.

42. a) Give any two ways agriculture can be promoted in Uganda.

(i) _____

(ii) _____

b) State any two challenges facing farmers in your district.

(i) _____

(ii) _____

43. a) Mention any one peaceful method the British used to establish their rule in Uganda

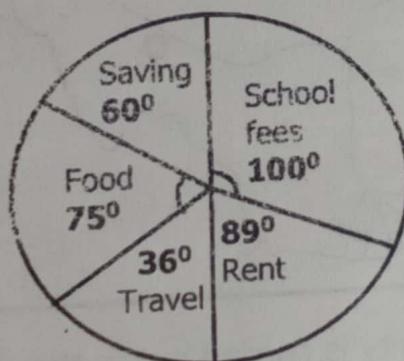
b) Give any two reasons why Ugandans demanded for their independence.

(i) _____

(ii) _____

c) Mention any one challenge Ugandans faced in their struggle for independence.

The pie chart below shows how Ndiwulira uses his Sh.2,000,000 salary.



44. a) How much money does Ndiwulira spend on Travel. (2marks)

b) Give one reason why Ndiwulira should budget his money.

c) State any two problems Ndiwulira can face when using the money without budgeting.

(i) _____

(ii) _____

45. a) Name any one country that was established as a home for freed slaves in West Africa

b) Mention any **two** effects of slave trade on the people of West Africa.

(i) _____

(ii) _____

c) Why were slaves shipped to America during the Triangular trade?

46. a) What title is given to the political head of a Municipality?

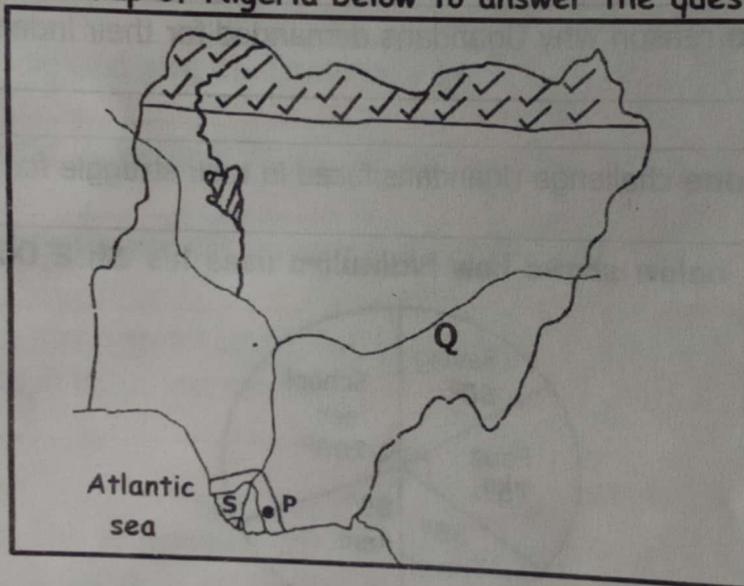
b) Give any **two** roles played by the Local governments in their areas.

(i) _____

(ii) _____

c) State any **one** problem faced by local government in carrying out its duties.

Study the sketch map of Nigeria below to answer the questions about it.



47. a) What main economic activity is carried out in the shaded region

 ?

b) Name the features marked **Q** and **P** on the map.

(i) **Q** _____

(ii) **P** _____

c) How important is the shaded area **S** to Nigeria?

48. a) What is the meaning of the term Child abuse?

b) Mention any **two** ways children are abused in our communities.

(i) _____

(ii) _____

c) Why should children's rights be protected?

49. a) Name the explorer who drowned at Bussa falls along R. Niger.

b) Why were explorers interested in coming to Uganda?



c) State any **two** problems that were faced by the explorers.

- (i) _____
(ii) _____

50. a) Give the meaning of the term Nationalism.

b) Name the nationalist who offered a room for the headquarters of organization of Africa Unity(**OAU**)

c) Mention any **two** factors that delayed the rise of nationalism in Africa

- (i) _____
(ii) _____

For questions 51-55, answer either Christian or Islamic questions but not both number.

51. **Either:** a) Mention any **two** Christian denominations in Uganda.

- (i) _____
(ii) _____

b) Give any **two** contributions of the Church in Uganda.

- (i) _____
(ii) _____

Or: a) Mention any **two** Islamic sects in Uganda.

- (i) _____
(ii) _____

b) State any **two** contributions of the Muslim community in Uganda.

- (i) _____
(ii) _____

52. **Either:** What do Christians remember on the following days;

a) Ash Wednesday?

b) Good Friday?

c) Palm Sunday?

d) Holy Thursday?

Or: What do Muslims remember on the following days;

a) Mauleed?

b) Idd el-Fitri?

c) Idd adhuha?

d) Khiton?

53. **Either:** a) How did Adam and Eve sin against God?

b) Write any **three** results of Adam's sin on humanity.

(i)

(ii)

(iii)

Or: a) How did Adam and Hawa sin against Allah?

b) State any **three** results of Adam's sin on humanity.

(i)

(ii)

(iii)

54. **Either:** a) What does the term marriage mean?

b) Give the commandment that safeguards marriage.

c) State any **two** qualities of a good marriage partner.

(i)

(ii)

Or: a) What does the term Nikkah mean?

b) Give any **one** reason for Talaq in Islamic marriage.

c) Mention any **two** qualities of a good marriage partner.

(i)

(ii)

55. **Either:** a) What is prayer?

b) Write any **two** types of prayer said by Christians.

(i)

(ii)

c) State any **one** benefit of praying to Christian.

Or: a) Give the meaning of the term Salat.

b) Mention any **two** types of prayer in Islam.

(i)

(ii)

c) State any **one** benefit of Salat to a Muslim.

SECTION A (40 Marks)

1

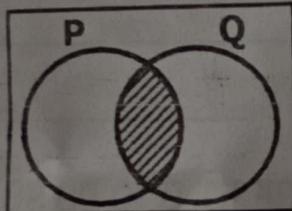
Workout: $13 + 9$

2

The boy weighs 29kg. Use tally symbols to represent the boy's weight.

3

Use the Venn diagram to describe the un-shaded region.



4

$$\text{Solve for } P: \frac{1}{2}(P + 1) = 3$$

5

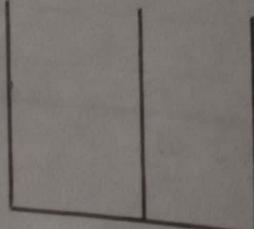
A man's wage of sh. 240,000 was reduced by 20%. How much was the reduction on his salary?

6

A staff meeting which took $4\frac{2}{3}$ hours ended at 4:20pm. At what time did it start?

7

Use the abacus to represent 203_{four} .



8

Find the next number in the sequence.

$$\frac{1}{2}, \frac{1}{4}, \frac{1}{8}, \frac{1}{16}, \underline{\quad}$$

9

Workout: $1604 \div 4$

10

Find the number whose standard form is 3.46×10^2 .

1

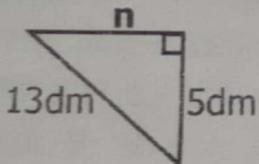
How much will Okello pay for half a dozen of books if three quarter of the same books cost sh. **7500**?

12

Express **1245 hours** in the 12 hour clock system.

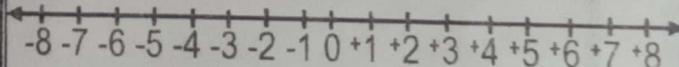
3

Use the shape to find the value of n.



14

Work out $-6 - -4$ using the number line.



With the help of a ruler and a pair of compasses only, construct an angle of **135°** .

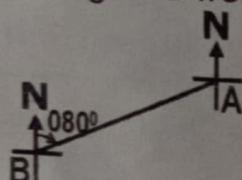
16

The mean age of **5** children is **10** years. When one more child joins the group their mean age becomes **9 yrs**. Find the age of the **6th** child.

17 A farmer reduces his **243** birds by $\frac{2}{3}$ of the birds. How many birds has he now?

18 Find the square of $7\frac{1}{9}$.

19 The bearing of A from B is 080° . Find the bearing of B from A.



20 Amza had **400** pound sterling. If £1=ugsh. 4200, how much uganda shillings did he exchange for the pounds?

21 (a) Work out:

$$\frac{0.03 + 0.06}{0.2 \times 0.09}$$

SECTION B (60 marks)

(b) Kintu can cut a tree in 6 days and Vincent can cut the same tree in y days. If both boys take 2 days to cut the same tree working together, find the value of y ?

22 (a) Using a ruler and a pair of compasses only construct a triangle CDE where angle $CDE = 120^\circ$ and $CD = DE = 6\text{cm}$.

(04marks)

(b) Drop a perpendicular from D to meet CE at O and measure CO .

(02marks)

23 A tourist has various amount of money in the following currencies.

300 Kenya shillings (**ksh**)

200 united states dollars. (**us\$**)

700,000 uganda shillings (**ugsh**)

Given that K. sh 1 = ugsh 30

Us \$ 1 = ug sh 3600.

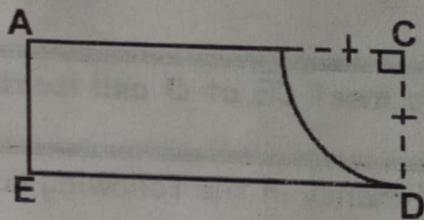
(a) Find the total amount of uganda shillings the tourist has.

(b)

If a hand bag costs **k.sh 1440**, find how many **US** dollars one would pay for the hand bag?

24 (a)	Expand 423 using powers of ten.	(b)	Find the product of the value of 3 and the value of 4 in 99342.
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25	Study the figure below carefully and answer the questions.	(02marks)	(03 marks)
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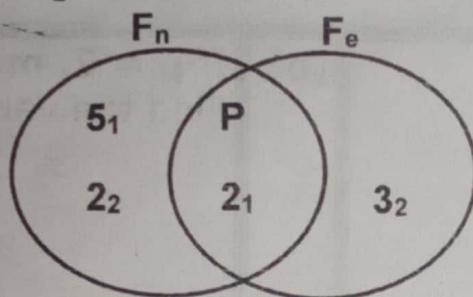
- (a) Find the length of arc BD.
- (b) Calculate the perimeter of the figure ABDE. (02marks)

Without dividing, show that **738** is divisible by **6**.

26
(a)

(02marks)

(b) Below is a venn diagram showing the prime factors of two numbers.

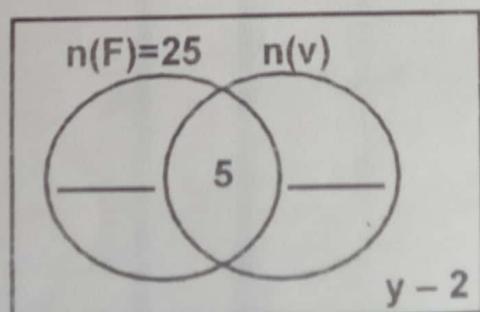


If the **GCF** of **F_n** and **F_e** is **6**, find their **L.C.M.**

(03marks)

77 A school team of girls was flagged off to represent the school. **25** players enjoy football(**F**), **14** players enjoy volleyball(**V**) only, **5** players enjoyed both games while **y - 2** enjoy neither football nor volleyball.

Use the information to complete the Venn diagram.



(b) If two girls enjoyed table tennis, how many girls were flagged off?

(03marks)

28 Solve for **d**.

$$(a) 2(3d - 1) - 4(d - 1) = 3$$

(b)

If **p** = 2, **m** = -3 and **n** = -5.
Find the value of $\frac{2(m - n)}{p}$

(03marks)

29 Workout $5 \times 6 = \underline{\hspace{2cm}}$ (finite 7)

(02marks)

(b)

What is the least number of goats such that when divided by 4 people, 3 goats remain and when divided by 8 people , 7 goats remain?

(02marks)

(03marks)

30

Moses drove his car from Gulu to Luweero at a speed of 50km/h for $2\frac{1}{2}$ hours. He returned to Gulu in 90 minutes.
 How far is Luweero from Gulu?

(a)

(02marks)

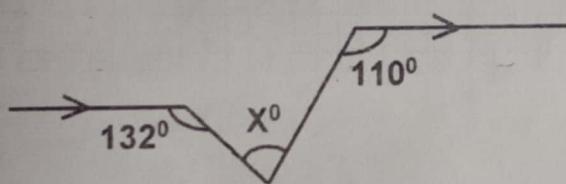
(b)

Calculate Moses' average speed for the whole journey.

(03marks)

31

Use the diagram to answer questions.



(a)

Find the value of X .

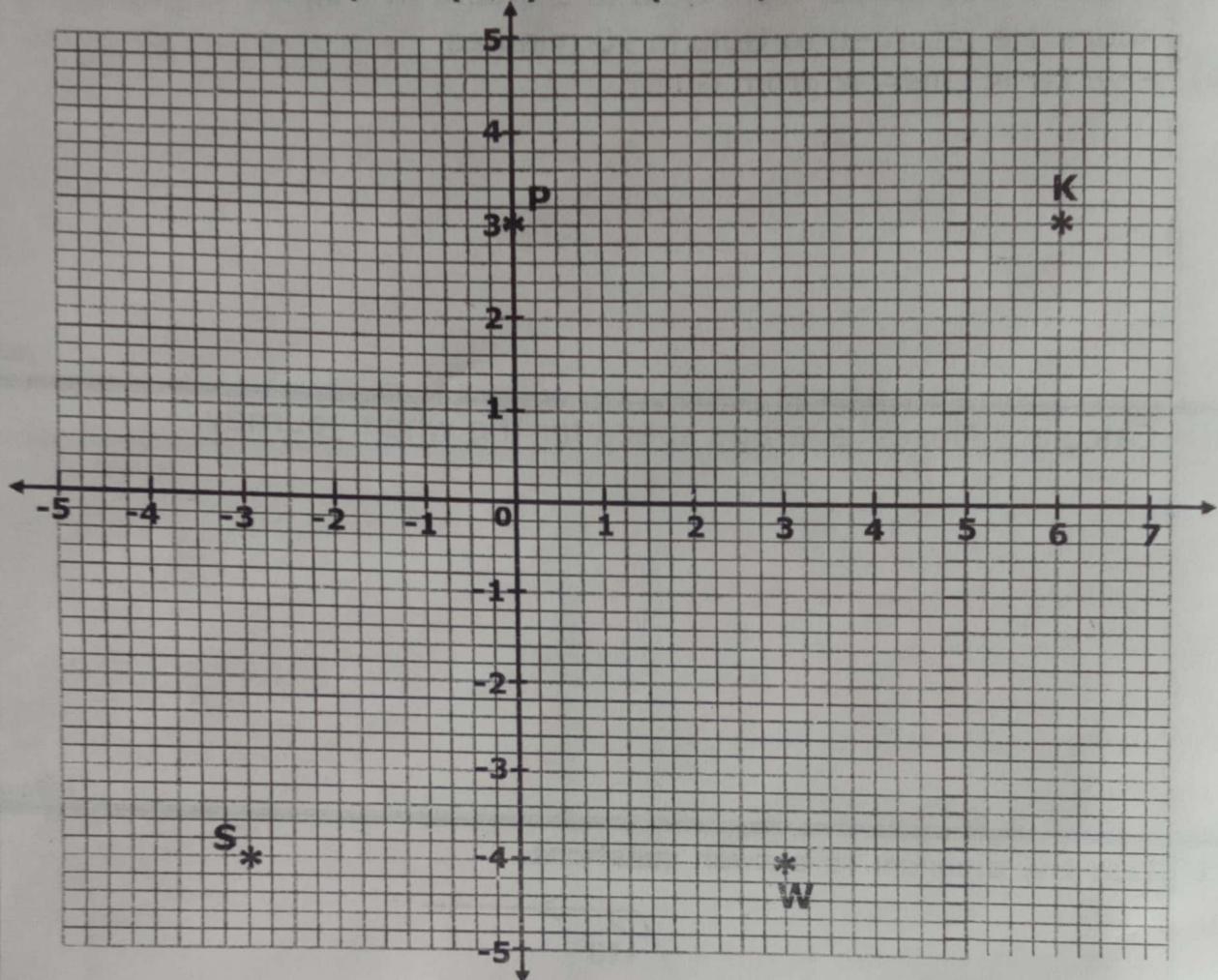
(b)

Find the supplement of $(C+40^\circ)$.

(03marks)

(02marks)

- 32 Use the grid below to plot P (0, 3) and S (-3, -4)



(02marks)

- (b) Identify the co-ordinates for points **K** and **W**.

- (c) Name the shape.

(02marks)

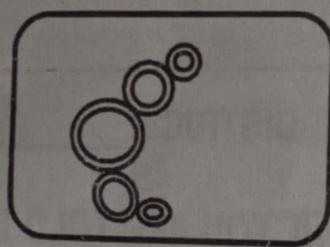
(01mark)

SECTION A (40 Marks)

(Questions 1 to 40 carry one mark each)

1. Give one use of water to a mother in the kitchen.
2. Name the reproductive cells for ferns and horsetails.
3. How can one control elephantiasis without sleeping in a treated mosquito net?
4. How is warmth important during seed germination?

The diagram below shows a mode of reproduction in fungi. Use it to answer questions 5 and 6.



5. Identify the mode of reproduction shown in the diagram above.
6. Name the fungus that reproduces as shown in the diagram above.
7. How do tapeworms lead to malnutrition among people?
8. State the adaptation of a bulb that enables it to change electrical energy to heat and light energy.
9. What do we call the amount of water vapour in the atmosphere?
10. Who is a vulnerable person?
11. State one way of controlling snake bites at home.
12. How does man make use of land as a resource?
13. Give one natural change that can result into loss of lives.
14. Apart from growing enough food crops, give one other way of promoting food security at home.



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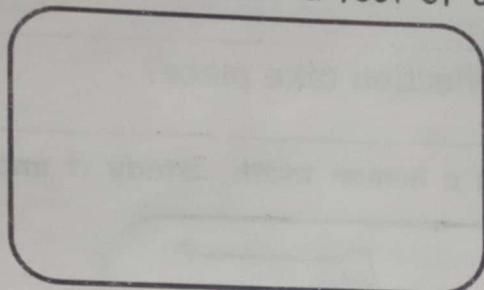
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15. How is bending of rails in summer controlled during construction of railway lines?

16. In which part of the body are the tarsals found?

17. State **one** advantage of using pen system over free range system in keeping poultry.

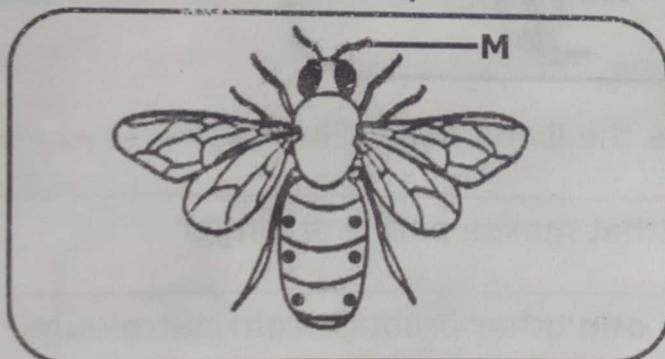
18. In the space provided below, draw a foot of a wading bird.



19. Give **one** factor considered when setting a hive.

20. Name **one** ecto parasite in cattle keeping.

The diagram below shows a housefly. Use it to answer questions 21 and 22.



21. State the function of part marked **M** to a housefly.

22. With the help of an arrow and letter **S**, show the spiracle on the above diagram.

23. Write down **one** source of direct current electricity.

24. How best can skin diseases like ringworms be controlled among people?

25. Identify **one** example of a cereal crop apart from millet.

26. Name **one** foreign body in the nose.

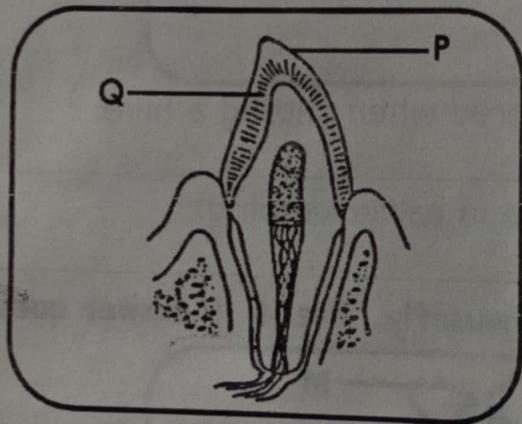
27. Why should health surveys be carried out in a community?

28. State the main reason for soaking dirty clothes in detergent before washing.

29. What causes beriberi in children?

30. When does irregular reflection take place?

The diagram below shows a human tooth. Study it and answer questions 31 and 32.



31. Why is part **Q** said to be the living part of a tooth?

32. Name **one** mineral salt that makes part **P** stronger.

33. Apart from petrol, write **one** other product from petroleum.

34. Which component of blood has haemoglobin?

35. Identify **one** vector that breeds in water.

36. How does a bacterium move from one place to another?

37. Why do farmers prefer growing exotic breeds of trees to indigenous trees?

38. Of what use is a swim bladder to a fish in water?



39. Give **one** example of food we eat to get energy.

40. Which part of the human skin carries impulses from the skin to the brain for interpretation?

SECTION B (60 Marks)

(Questions 41 to 55 carries **four** marks)

41. (a) Where do the following vectors lay their eggs;

(i) housefly?

(ii) blackfly ?

(b) State **two** ways of controlling vectors that breed in water.

(i) _____

(ii) _____

42. (a) Name **two** states of matter through which convection occurs.

(i) _____

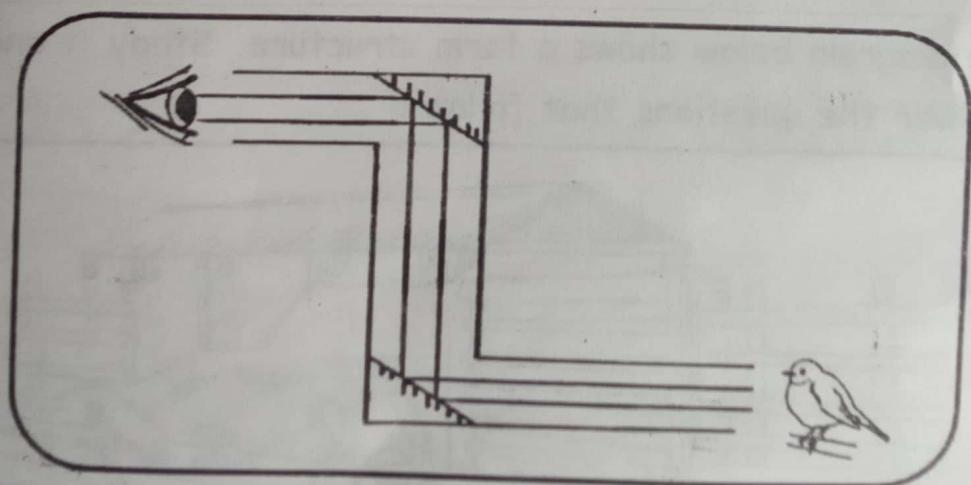
(ii) _____

(b) Suggest **two** importance of convection to people at home.

(i) _____

(ii) _____

43. The diagram below shows an optical instrument. Use it to answer the questions that follow.



(a) Name the optical instrument shown above.

(b) Show the direction of light in the above instrument using arrow heads.

(c) On which principle does the above optical instrument operate?

(d) Identify **one** group of people who use the above instrument.

44. (a) Give the meaning of the term "foreign body"

(b) Give **one** example of first aid for a foreign body in the eye.

(c) State **two** ways of avoiding foreign bodies in the eye.

- (i) _____
(ii) _____

45. (a) Identify **two** tuber crops propagated by planting seeds.

- (i) _____
(ii) _____

(b) State **two** methods of harvesting tuber crops.

- (i) _____
(ii) _____

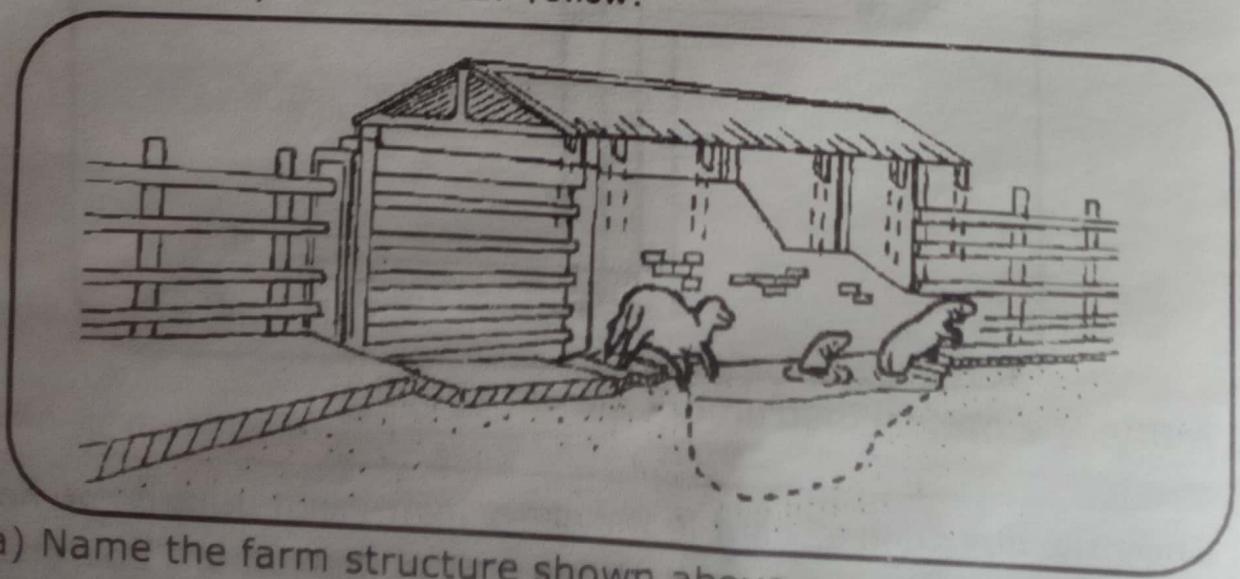
46. (a) Why is a separating funnel fit for separating a mixture of cooking oil and water?

(b) What do we call a liquid we obtain through filtration?

(c) State **two** ways of making the above liquid in (b) above safe for use.

- (i) _____
(ii) _____

47. The diagram below shows a farm structure. Study it and use it to answer the questions that follow.



(a) Name the farm structure shown above.

(b) Which farm activity is carried out in the above farm structure?

(c) Name the agro-chemicals used in the above structure.

(d) Why is the activity named in (b) above important on a farm?

48. (a) How do bacteria feed?

(b) State the nature of each of the following bacteria.

(i) Nitrogen fixing bacteria _____

(ii) Cocci _____

(c) What do we call the division of one bacterium into two similar bacteria?

49. (a) Why is a biogas tank buried under the ground?

(b) Name the group of bacteria that help in making biogas.

(c) State **two** reasons why a biogas digester should be air tight.

(i) _____

(ii) _____

50. (a) How is friction increased on each of the following surfaces;

(i) Slippery roads?

(ii) Car tyres and shoe soles?

(b) State any **two** ways in which friction appears to be a nuisance force.

(i) _____

(ii) _____

51. Match the following garden tools to their respective uses.

Garden tool	Use
Axe	Digging rocky ground.
Hoe	Cutting big trees.
Forked hoe	Pruning.
Secateur	Digging soft ground.

- (i) Axe _____
(ii) Hoe _____
(iii) Forked hoe _____
(iv) Secateur _____

52. (a) How do cedar and pine plants reproduce?

- (b) Why are cedar and pine plants not grouped under flowering plants?
(c) Where are seeds born in cedar and pine plants?
(d) Under which group of non-flowering plant are cedar and pine plants put?

53. (a) State **two** ways of maintaining soil fertility.

- (i) _____
(ii) _____
(b) Identify **two** examples of soil barriers.
(i) _____
(ii) _____

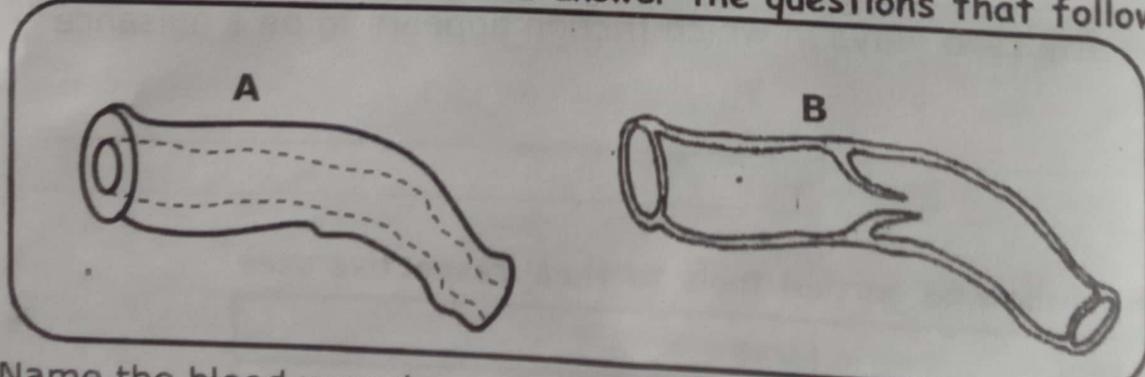
54. (a) How are the following materials important to a honey harvester;

- (i) Gum boots?
(ii) Smoker?

(b) State **two** ways of stocking a hive.

- (i) _____
(ii) _____

55. Study the blood vessels below and answer the questions that follow.



(a) Name the blood vessels marked with letters A and B.
(i) A _____

(ii) B _____

(b) Give a reason to support each of your answers in (a) above.
(i) _____