

MASAKA UNITED SCHOOLS ACADEMIC
BOARD (MUSAB)

**PRIMARY SEVEN SPECIAL MOCK
EXAMINATION– 2022**

INTEGRATED SCIENCE

Time allowed: 2hours 15 minutes

School: _____

EMIS No.					Personal No.		

Candidate's Name: _____

Candidate's Signature: _____

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

READ THE FOLLOWING INSTRUCTIONS

1. This paper has two sections A and B.
2. Section A, has 40 short questions (40mks)
3. Section B has 15 questions (60marks)
4. Answer all questions.
5. All answers to all questions must be written in the space provided.
6. All answers must be written using **blue** or **black** ball pen or **ink**.
7. Unnecessary crossing of work will lead to loss of marks.
8. Any handwriting that cannot easily be read may lead to loss of marks.
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QN. No.	MARKS	INITIALS
1 - 10		
11-20		
21-30		
31-40		
41-43		
44-46		
47-49		
50-52		
53-55		
TOTAL		

Turn over

SECTION: A

1. Name one vulnerable group of people.

2. State one effect of plastics to the soil.

3. Give one way of caring for a human reproductive organ.

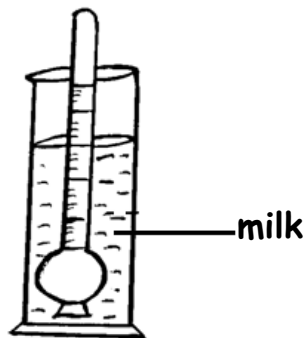
4. Give any one way in which plants can be harmful to people.

5. If a torch uses 2 pairs of dry cells. Workout the total voltage used by that torch.

6. Give any one chemical change in living things.

7. How can the spread of COVID - 19 be prevented at school?

The diagram below shows a tool used on a dairy farm. Use it to answer question 8.



8. Give one reason why the above tool has sunk in the milk.

9. How do bees benefit plants?

10. Write down the first of the 4F^s.

11. In which way are muscles important in the body?

12. Name any one edible fungus.

13. Give one way of caring for drums as musical instruments.

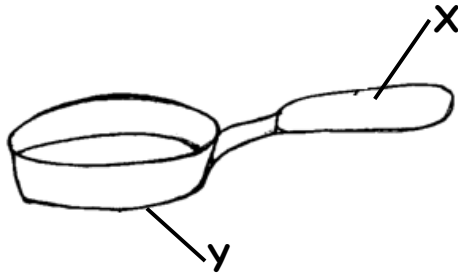
14. State any one characteristic of images formed by plane mirrors.

15. Give one reason why bees swarm.

16. How can incest be controlled at home?

17. When does a land breeze take place?

The diagram below is of a frying pan. Use it to answer question 18.



18. Name the metal used to make part Y.

19. Why do some farmers prefer keeping local breeds of cattle to exotic ones?

20. Why are traffic lights put on busy roads?

21. Give the role of the gall bladder in the digestive system.

22. Give way of preventing drug poisoning at home.

23. Of what importance are trees planted in the compound?

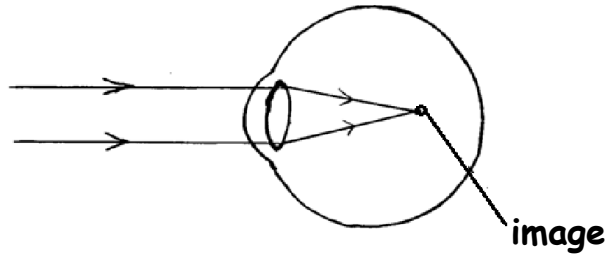
24. Which gas occupies the least percentage in the atmosphere?

25. Give one activity which involves the use of filtration at home.

26. State one importance of family planning.

27. Why is it not easy to castrate a male pig with a burdizzo?

The diagram below show an eye defect. Use it to answer question 28.



28. How is the above defect corrected?

29. Of what disadvantage is seed dispersal to a crop farmer?

30. What happens to lungs when breathing in?

31. Name the deficiency disease caused due to shortage of vitamin C in the body.

32. Why should every boarding school have fire extinguishers?

33. Name the addictive drug in tobacco.

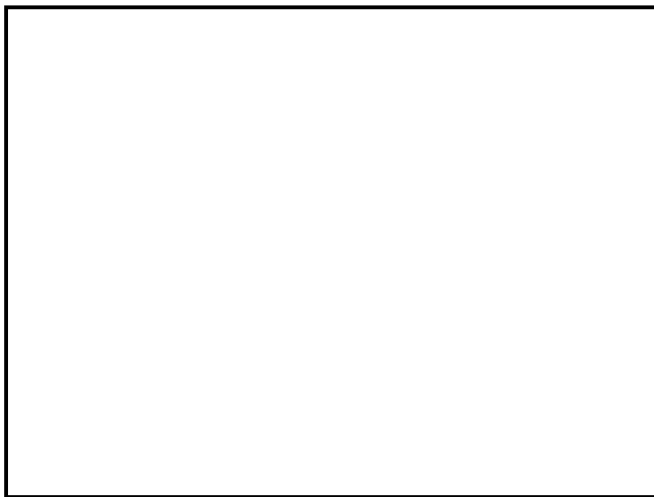
34. How are dry banana leaves useful in promoting hygiene of ordinary pit latrine?

35. Name any one type of vaccine.

36. State any one importance of friction in our daily activities.

37. How are insects and arachnids different in the way they breathe?

38. In the space provided below, draw a body organ that filters blood.



39. Why should children suffering from measles be isolated?

40. Which component of blood distributes heat in the body?

SECTION: A

41. (a) Name any two non-living renewable resources.

(i) _____

(ii) _____

(b) Give two ways of conserving non-renewable resources.

(i) _____

(ii) _____

42. (a) State two reasons why food should be cooked.

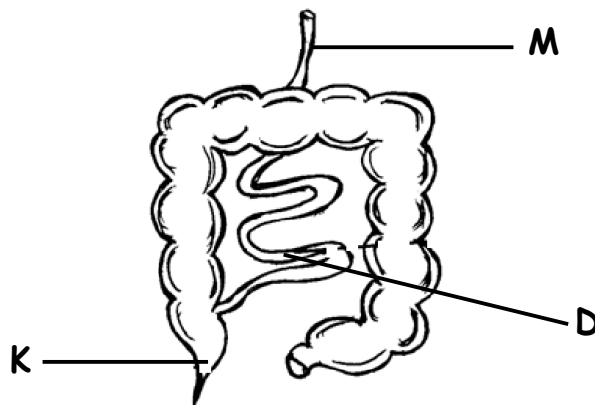
(i) _____

(ii) _____

(b) Give one way of preparing food.

(c) Why should food be preserved?

43. Below is a part of digestive system. Use it to answer the questions that follow.



(a) Name the part marked with letter **M**.

(b) Which disease affects the part marked **K**?

(c) Give two ways in which part "D" is able to carryout its function.

(i) _____

(ii) _____

44. Match the vertebrates in list A with their groups in list B.

List A

List B

bat	amphibian
kite	reptile
turtle	mammal
newt	bird

(i) bat _____

(ii) kite _____

(iii) turtle _____

(iv) newt _____

45. (a) Name one device that changes electric energy to sound energy.

(b) How is electricity useful at home?

(c) Give two reasons why electric wires covered with rubber.

(i) _____

(ii) _____

46. (a) State two ways in which landslides affect the environment.

(i) _____

(ii) _____

(b) Give one way of controlling each of the following natural changes in the environment.

(i) floods

(ii) drought

47. (a) Name one tuber crop with erect stem.

(b) Give one way of harvesting tuber crops.

(c) How does sun drying preserve sliced cassava?

(d) Give one proper way of storing dried cassava safely.

48. (a) Give two causes of sickness at home.

(i) _____

(ii) _____

(b) State two ways of controlling common sickness at home.

(i) _____

(ii) _____

49. (a) In which two ways do trees benefit crops growing together in the garden?

(i) _____

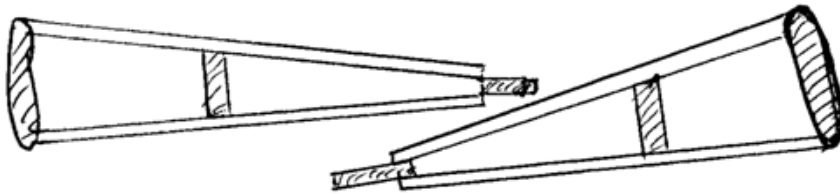
(ii) _____

(b) Mention two methods of harvesting trees that are friendly to the environment.

(i) _____

(ii) _____

50. Below is a diagram showing First Aid equipment. Use it to answer the questions that follow.



(a) Identify the equipment shown above.

(b) How are the above equipment important to a casualty?

(c) Which injury requires the use of the above equipment?

(d) Of what importance is a First Aid to a casualty?

51. (a) Give an example of each of the following types of bones.

(i) long bone _____

(ii) irregular shaped bone _____

(b) Which mineral salt is responsible for proper growth of bones?

(c) How is the human skeleton important to circulatory system?

52. (a) State any two ways bacteria can be useful.

(i) _____

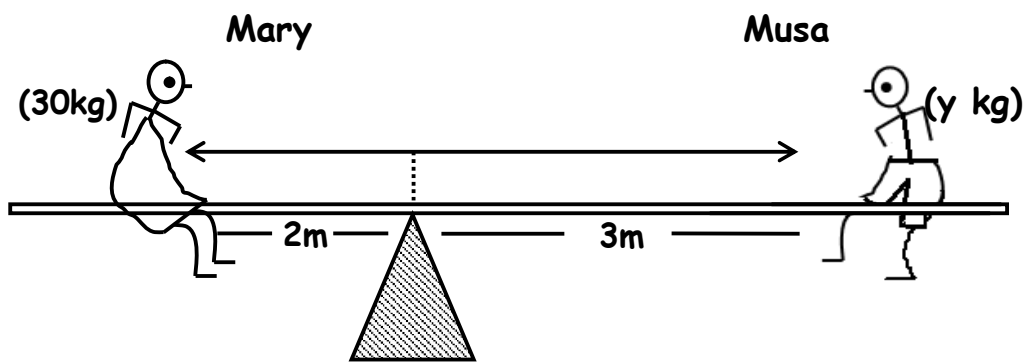
(ii) _____

(b) In which two ways can bacteria be harmful to man?

(i) _____

(ii) _____

53. Below is a diagram showing children playing on a machine. Use it to answer questions that follow.



(a) Which type of simple machine is shown above?

(b) How far is Musa from Mary?

(c) Calculate the weight of Musa.

54. (a) Give two exotic breeds of chicken kept for egg production.

(i) _____

(ii) _____

(b) Identify one factor that can lower egg production on a poultry farm.

(c) How does eating eggs control kwashiorkor in children?

55. (a) Why should we keep our bodies clean?

(b) Give one item used to clean the body.

(c) State two activities we do to keep our bodies clean.

(i) _____

(ii) _____

-12-

END

MASAKA UNITED SCHOOLS ACADEMIC
BOARD (MUSAB)

**PRIMARY SEVEN SPECIAL MOCK
EXAMINATION- 2022**

ENGLISH

Time: 2hours 15 minutes

School: _____

EMIS No.					Personal No.		

Candidate's Name: _____

Candidate's Signature: _____

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READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. This paper has two sections: A and B.
2. Section A, sub-section I has 30 questions (30marks). Sub-section II has 20 questions (20marks)
3. Section B has 5 questions (50marks)
4. Attempt all questions in both sections. All answers to both sections A and B must be written in the spaces provided.
5. All answers must be written in blue or black ball point pens or ink. Only diagrams and graph work must be done in pencil.
6. Unnecessary **alteration** of work will lead to loss of marks.
7. Any **handwriting** that cannot be easily read may lead to loss of marks.
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1 - 10		
11-20		
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31-40		
41-50		
51		
52		
53		
54		
55		
TOTAL		

Turn over

SECTION: A
Sub-Section: I

In each of the questions 1 to 5, complete the sentences with the most suitable word.

1. The teacher told us that the sun sets _____ the West.
2. I found the _____ closed, so I did not buy the meat I wanted.
3. By the _____ he arrived, we had eaten supper.
4. He drove so _____ that he caused accidents.
5. May I have some soup, _____?

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

6. Dan is the _____ boy in our class. (smart)
7. The chairperson's decision to send out one of the opposers sparked hot _____. (argue)
8. If Ivan had money, he _____ travel up-country. (will)
9. The Primary Four learners look forward to _____ the head teacher. (meet)
10. Our matron speaks French _____. (fluent)
11. The wasps _____ the boys who were stealing the old man's mangoes. (sting)
12. Only one _____ turned up for the interviews. (apply)
13. Mary's mother _____ her to work hard in everything she does. (courage)
14. It was such a _____ that I ordered more. (taste)
15. A friend of _____ celebrated his ninth birthday recently. (they)

In questions 16 and 17, rearrange the given words in alphabetical order.

16. bath, soap, basin, sponge
- _____

17. poem, poetry, poetic, poet
- _____

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

18. feel: _____
19. fill: _____

In questions 20 to 22, rewrite the sentences giving a single word for the underlined group of words.

20. My dad's bulls and cows were struck by lightning last week.

21. Peter moved his car quickly in order to reach his work place in time.

22. He all of a sudden died due to heart failure.

In questions 23 and 24, write the short forms of the given words.

23. I had: _____

24. government: _____

In questions 25 and 26, rewrite the sentences giving the opposite form of the underlined words.

25. My friend's condition is worse than it was in morning.

26. Very few pupils passed the test.

In questions 27 and 28, write the plural form of the given words.

27. county _____

28. lady's shoe _____

In questions 29 and 30, rearrange the given words to form meaningful sentences.

29. advisable to talk Is it while eating?

30. newspapers reads Jane rarely.

Subsection II

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

31. The tourist will go to the zoo. It will be next week. (Rewrite using:....be going.....)

32. Mr. Nkusi has flown to London. I talked to him a few hours ago. (Rewrite using:whom.....)

33. What is the cost of a new pair of scissors? (Rewrite beginning: How much.....)
-
-
34. Taka has not cleaned the kennel. Stamina has not cleaned the kennel.
(Join as one sentence using:.....and neither.....)
-
-
35. It was not necessary for the maid to drink the baby's milk.
(Rewrite using:.....needn't.....)
-
-
36. Unless the tailor uses the razorblade carefully, it will hurt her.
(Rewrite using:.....or else.....)
-
-
37. This luggage said the conductor is very heavy. (Punctuate the sentence correctly)
-
-
38. I am different from my friend. (Rewrite ending:.....different.)
-
-
39. Our nephew bought a blanket made of wool. It was large. It was new. (Rewrite as one sentence without using: 'who', 'that', 'which' or 'and')
-
-
40. Makenke got lost although she had a map. (Rewrite the sentence using:.....despite.....)
-
-
41. I stole your pencil. You should forgive me. (Join as one sentence beginning: Please.....for)
-
-
42. Pato and Robinho are equally smart. (Rewrite using:.....as.....as.....)
-
-

43. I am more interested in digging than in fetching water. (Rewrite using:.....would rather.....than.....)

44. That vendor sells clothes. He also runs a dairy. (Join as one sentence using:.....not only.....)

45. If the residents worked together, they would develop their community. (Rewrite using:.....would have.....)

46. Deba has arrived at the polling station late. (Rewrite using:.....reached....)

47. Wanda organised his bedroom immediately he woke up. (Rewrite beginning: No sooner)

48. Our class teacher advises daily. He wants us to grow responsibly. (Rewrite using:..... so that.....)

49. The journalist is editing the article. (Rewrite beginning: The article....)

50. Garbage collection will improve. We have a new track to collect it. (Rewrite using: since.....)

SECTION: B (5 questions, 10 marks each)

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

Napaku is a twelve-year-old girl. She goes to Nzoyiya Primary School in Masaka District. Napaku is a careless girl and that is her problem. She does not complete one activity at a time.

Before she completes washing utensils, you find her playing with friends and then later write her homework. She realizes that she had not completed washing utensils after trying like seven other **different** activities.

It was just a day after Napaku's school had broken up for second term's holiday when a terrible accident occurred at home.

That Saturday, Napaku and everybody else in the family woke up very early to prepare for the day's work. As usual, Napaku was left home to do home chores which included; washing utensils, cleaning the courtyard as well as looking after siblings.

Soon after Napaku's parent left for work, Napaku started washing the dirty utensils. As she was washing, a glass slipped off her hands and it broke into pieces. She got a broom and swept away the broken pieces of glass. Before she successfully swept them away, friends from the neighbourhood **invited** her to join them in their usual games.

At the peak of their games, they started chasing one another. As they were chasing Napaku, she ran towards her home and she accidentally stepped on the broken pieces of glass she had swept earlier.

Eventually, she started crying for help. Her friends thought that she was tricking them to leave her.

'I warned you to always complete one activity at a time see what has happened to you', Napaku's mother said as she was tying the wound with a clean cloth.

Napaku was taken to Bulamu Clinic for treatment. As she healed, she promised never to play carelessly.

Questions.

- (a) How old is Napaku?

- (b) What is Napaku's problem?

- (c) On which day of the week did learners in Napaku's school break up for second term's holiday?
- _____
- _____
- (d) According to the passage, why did all people in Napaku's home wake up early on one Saturday?
- _____
- _____
- (e) What did Napaku do when she was left home?
- _____
- _____
- (f) What got broken when Napaku was washing?
- _____
- _____
- (g) Who invited Napaku for a game?
- _____
- _____
- (h) Write a word or group of words to mean the same as the underlined words in the passage.
- (i) different _____
- (ii) invited _____
- (i) Suggest a suitable title for the passage.
- _____

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

I acquired a name,
 Right after my parents perished,
 How I wish they never went to Nyendo,
 Intending to attend my uncle's wedding ceremony.

Sad news reached us that afternoon,
 Informing us my parents' demise,
 It was a speeding Global Bus,
 That lost control and at once crashed their Benz car.

Sorrow is my daily feast now,
 As my aunt torments me,
 Whipping me just for light mistakes,
 Making my life regrettable.

I can endure most violent acts,
But the denial of food hurts,
My body looks bony now,
Though a healthy body I had.

Questions;

(a) When was the writer given the name?

(b) Why had the writer's parents gone to Nyendo?

(c) What was the sad news about, according to stanza two?

(d) At what time of the day did the writer's parents die?

(e) How does the writer's aunt torment the writer?

(f) Is the writer denied food?

(g) How many stanzas are in the poem?

(h) Who do you think wrote the poem?

(i) Write a word or group of words similar in mean the same as the underlined words in the poem.

(i) feast _____

(ii) perished _____

53. The sentences below are in a wrong order. Rearrange them in correct order to form a meaningful story about **OUR JOURNEY TO MULAGO HOSPITAL**

- a. We started this journey at around 9:00a.m.
- b. My mother decided to ask our neighbour to direct us.
- c. Two weeks ago, my mother and I wanted to go to Mulago Hospital.
- d. From home to the main road we just walked.
- e. Mother thanked the neighbour for his advice.
- f. The neighbour told us to first board up to Nateete Park.
- g. Unfortunately, we did not know where Mulago is found in Kampala.
- h. It is from Nateete Park that you can board straight to Mulago Hospital.
- i. After thanking him, we immediately started to prepare for the journey.
- j. At the main road, we waited for about 10 minutes before we got a taxi to Nateete Park.

Good story.

54. The information below was found pinned to the notice board of Christ the King School, Kaliro on 03/03/2022. Study it carefully and in full sentences answer the questions that follow.

ELECTION OF PREFECTS!	ELECTION OF PREFECTS!
All the students are hereby informed that there will be election of school prefects for 2022.	
Date:	05/03/2022
Time:	9:00a.m. - 4:00p.m.
Posts:	1. Head prefect 2. Sanitary prefect 3. Games and Sports prefect 4. Welfare prefect
Note: You are informed that no campaigns will be allowed on the Election Day, and if found, the candidate will be disqualified.	
OLIMBA NAAWE CHAIRMAN ELECTORAL COMMITTEE	

Questions:

- (a) What is the notice about?

- (b) When was this information pinned to the notice board?

- (c) Where was this notice pinned?

(d) To whom was this information addressed?

(e) How many posts were indicated in the notice?

(f) What do you think happened to the candidate who was found campaigning on the election day?

(g) How long did the elections last that day?

(h) On which date did the pupils in this school elect their prefects?

(i) For which year were the elected prefects?

(j) Who wrote this information?

MASAKA UNITED SCHOOLS ACADEMIC
BOARD (MUSAB)

**PRIMARY SEVEN SPECIAL MOCK
EXAMINATION– 2022**

SOCIAL STUDIES & RELIGIOUS EDUCATION

Time: 2hours 15 minutes

School: _____

EMIS No.					Personal No.		

Candidate's Name: _____

Candidate's Signature: _____

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SECTION: A

1. Which country neighbours Uganda to the South West?

2. Give one way highlands hinder economic development of an area.

3. How can tourists be a threat to a host country?

4. State any one way of preserving culture in our district.

5. How do newspapers promote trade?

6. In which way does a constitution promote human rights?

7. Name the official who killed Fierce Lions in Kenya during the construction of Uganda railway.

8. How does climate influence people's way of dressing?

9. Give any one way trees survive desert condition in desert areas.

10. Which was the first group of Europeans to come to East Africa?

11. To which Ministry does the Uganda Electoral Commission belong?

12. Mention any one way of controlling global warming.

13. Give the meaning of the term population explosion.

14. Apart from soda ash, mention any other mineral mined from Lake Magadi.

15. State one way in which trees control landslides in mountainous areas.

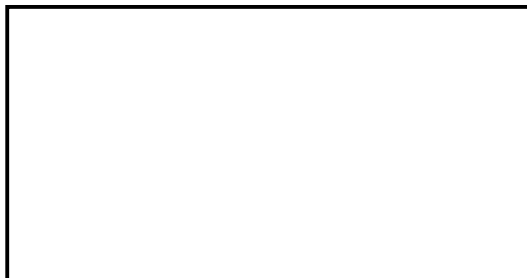
16. How is Kampala city important to the member countries of EAC?

17. What does the baby on the independence monument of Uganda symbolize?

18. Give one way Pan Africanists spread their messages to other Africans.

19. State any one cause of conflicts between a school and community.

20. In the space below, draw a road sign for humps a head.



21. Which political party led Uganda to internal self governance?

22. Give one way the extraction of crude oil from Albertine will affect the people in that region.

23. How did Dr. David Living Stone help in stopping slave trade in Central and East Africa?

24. Mention any one artificial source of crafts.

25. How can crop farming be made possible in drier areas of Uganda?

26. In which way does altitude influence vegetation distribution?

27. Write UCC in full.

28. How did the occupation of the Bantu lead to their settlements in areas they occupy today?

29. Name the narrow water channel that connects Africa to Europe.

30. Give one way colonialists used to establish colonial rule in Uganda.

31. How was early man able to trap fast running animals?

32. Give the importance of hills to telecommunication companies.

33. What title is given to the political head of a sub-county?

34. State any one way one can lose his/her citizenship in Uganda.

35. How is the water hyacinth a problem to the fishing industry?

For question 36 - 40, answer Either Christianity OR Islam But not both in the same number.

36. Either: What was the work of the first apostles before Jesus Christ called them?

OR: What was the work of Prophet Muhammed before Allah called him?

37. Either: How did Prophet John the Baptist meet his death?

OR: Who was the first Moslem Martyr?

38. Either: What general name was given to the Ten Commandments?

OR: Give the meaning of the term Haddith.

39. **For both:** Give any one way people of ATR reconciled with one another.

40. Either: Mention any one way Christians show respect to God during prayers.

OR: Mention any one way Muslims show respect to Allah during prayers.

SECTION: B

41. (a) In which season does Mediterranean climatic region receive rainfall?

(b) How do prevailing winds influence the climate of an area?

(c) Mention the major economic activity done in Mediterranean climatic region.

(d) State any one way people can modify the climate of an area.

42. (a) **Match the items in A with those in B correctly.**

Mineral

Product

Coral reefs

used to make glasses

Copper

used to make artificial fertilizers

Phosphates

used to make cement

Soda ash

used to make bullets

Coral reefs : _____

Copper : _____

Phosphates : _____

Soda ash : _____

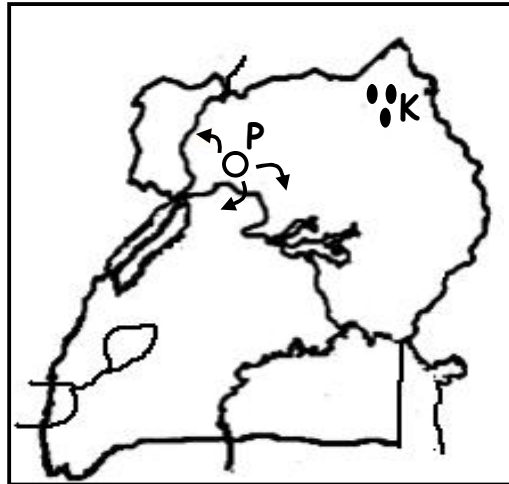
43. (a) State any one social contribution of the Bachwezi in East Africa.

(b) Why did the Bachwezi dig ditches near their homes?

(c) Where were the headquarters of the Chwezi empire?

(d) How did the coming of the Luo affect the Chwezi empire?

44. Study the map below and answer questions about it.



(a) Name the Stone Age site marked K.

(b) How was place marked P useful to the Nilotics?

(c) Mention any one tribe under Highland Nilotes in Uganda.

(d) Use an arrow to indicate the direction used by the Hamites to enter Uganda.

45. (a) How is decentralization policy in Uganda implemented?

(b) Give any two ways people benefit from decentralization policy.

(i) _____

(ii) _____

(c) Mention one problem the government faces while carrying out decentralization.

46. (a) Give any one reason why the government of Uganda is encouraging people to grow non-traditional cash crops.

(b) Mention any one example of agro-based industry.

(c) How do farmers benefit from feeder roads?

(d) Give any one way people in rural areas support town dwellers.

47. (a) What role was played by the following during the construction of the Uganda railway?

(i) Sir George White House

(ii) Sir Macdonald

(b) Give one reason why the Uganda railway was constructed.

(c) Why did Africans refuse to provide labour during the construction of the Uganda railway?

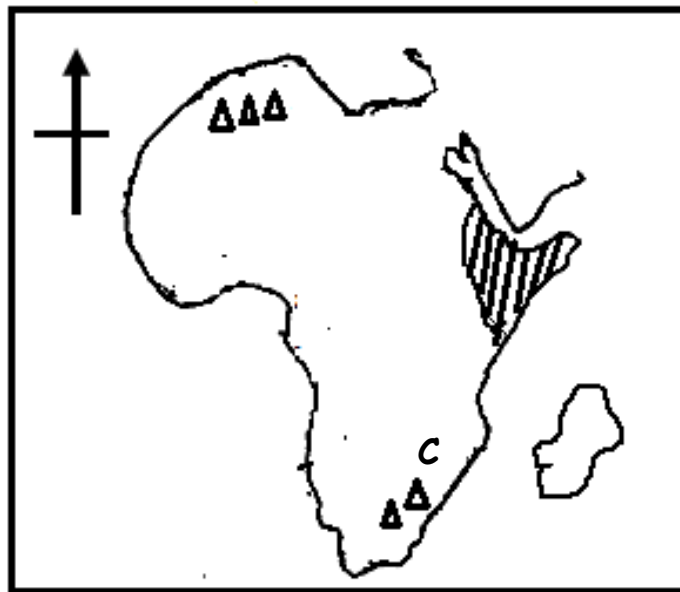
48. (a) Who was the leader of GEACo in East Africa?

(b) Give any one reason why chartered companies were formed in East Africa.

(c) Mention any one problem faced by chartered companies in East Africa.

(d) How were missionaries helpful to chartered companies like IBEA Co?

49. Use the map below and answer questions that follow.



(a) Name the landlocked country found in the shaded region.

(b) How did the above country become landlocked?

(c) Name the relief feature marked C.

(d) How was the above feature formed?

50. (a) State any one cause of child abuse.

(b) Mention any one form of child abuse.

(c) Give any two effects of violating children's rights.

(i) _____

(ii) _____

For questions 51 - 55, answer Either Christianity OR Islamic But not both in the same number.

51. Either:

(a) State any two ways religious organizations have contributed to the economic development of Uganda.

(i) _____

(ii) _____

(b) Mention any one challenge faced by religious organizations in Uganda.

(c) Name any one religious organization found in Uganda.

OR:

(a) Write UMEA in full.

(b) Give any two importance of UMEA to Muslims in Uganda.

(i) _____

(ii) _____

(c) State any one problem faced by UMEA.

52. Either: Match items in list A with those in list B correctly.

- | A | B |
|--------------|---|
| - Mt. Carmel | - Noah's ark rested |
| - Mt. Olives | - Abraham tried to sacrifice Isaac |
| - Mt. Ararat | - Jesus Christ ascended to Heaven |
| - Mt. Moriah | - Elijah called fire to burn the Prophets of Ball |

- (i) Mt. Carmel _____
- (ii) Mt. Olives _____
- (iii) Mt. Ararat _____
- (iv) Mt. Moriah _____

OR: Match items in list A with those in list B correctly.

- | A | B |
|----------|--------------------|
| - Tauret | - Prophet Isa |
| - Zabur | - Prophet Dauda |
| - Injir | - Prophet Muhammad |
| - Qur'an | - Prophet Musa |

- (i) Tauret _____
- (ii) Zabur _____
- (iii) Injir _____
- (iv) Qur'an _____

53. Either:

(a) What is suffering?

(b) State any two forms of suffering.

(i) _____

(ii) _____

(c) Give any one cause of suffering.

OR:

(a) What is suffering?

(b) State any two forms of suffering.

(i) _____

(ii) _____

(c) Give any one cause of suffering.

54. Either:

(a) Mention any two ways God communicates to His people.

(i) _____

(ii) _____

(b) Which prayer did Jesus Christ teach His apostles?

(c) Name any one request made in the above mentioned prayer.

OR:

(a) Mention any two ways Allah communicates to His people.

(i) _____

(ii) _____

(b) State any one thing that spoils prayer in Islam.

(c) Name any one daily prayer performed by Moslems.

55. **FOR BOTH:**

(a) Mention any two similarities between Islam and Christianity.

(i) _____

(ii) _____

(b) Give any two differences between Islam and Christianity.

(i) _____

(ii) _____

MASAKA UNITED SCHOOLS ACADEMIC
BOARD (MUSAB)

**PRIMARY SEVEN SPECIAL MOCK
EXAMINATION– 2022**

MATHEMATICS

Time: 2hours 30 minutes

School: _____

EMIS No.						Personal No.		

Candidate's Name: _____

Candidate's Signature: _____

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

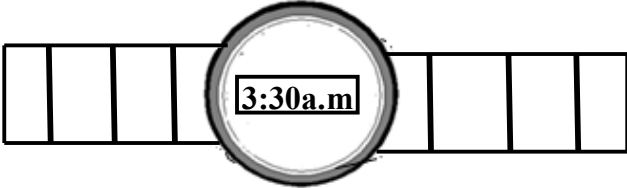
READ THE FOLLOWING INSTRUCTIONS CAREFULLY

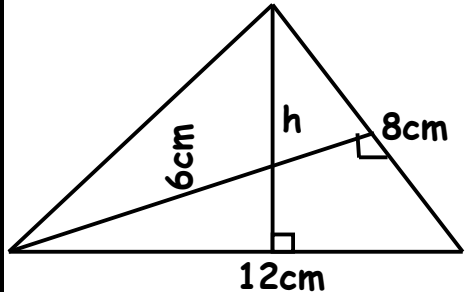
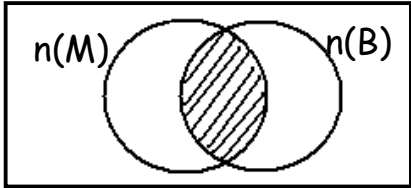
1. This paper has two sections A and B.
2. Section A, has 20 short questions (40mks)
3. Section B has 12 questions (60marks)
4. Answer all questions.
5. All answers to all questions must be written in the space provided.
6. All answers must be written using **blue** or **black** ball pen or **ink**.
7. Unnecessary crossing of work will lead to loss of marks.
8. Any handwriting that cannot easily be read may lead to loss of marks.
9. Do not fill anything in the boxes indicated "FOR EXAMINER'S USE ONLY"

FOR EXAMINER'S USE ONLY		
QN. No.	MARKS	INITIALS
1 - 5		
6-10		
11-15		
16-20		
21-22		
23-24		
25-28		
29-30		
31-32		
TOTAL		

Turn Over

SECTION: A

<p>1. Workout: 21×3</p>	<p>2. Write "Forty seven thousand, nine hundred eighty" in figures.</p>
<p>3. Given that; Set $P = \{ \text{All factors of } 18 \}$. Find $n(P)$</p>	<p>4. Find the next two numbers in the sequence.</p> <p style="text-align: center;">$\frac{1}{2}, \frac{1}{4}, \frac{1}{8}, \frac{1}{16}, \text{---}, \text{---}$</p>
<p>5. The number of pupils in a school reduced by 25%. If the original number of pupils was 1,800. Find the current number of pupils in the school.</p>	<p>6. Express $\frac{3}{8}$ as a decimal fraction</p>
<p>7. Write the time shown on the watch in words.</p> <div style="text-align: center; margin: 10px 0;">  </div>	

8.	Bisect the obtuse angle on the diagram below.	
9.	<p>Using the diagram below, calculate the value of h.</p> 	
10.	What is the multiplicative inverse of $\frac{2}{5}$?	11. Given that 4 apples cost sh. 2,000. Find how many apples can one buy with sh. 6,000.
12.	Given that $y = -4$, $k=5$ and $q = 2$ Evaluate: $k - yq^2$	13. Describe the unshaded part in the Venn diagram below. $n(\Sigma)$  $n(M)$ $n(B)$

14.	If $\frac{2}{3}$ of land was cleared for banana plantation, and 120 hectares was left for crop growing. How many hectares were they altogether?
15.	Prime factorise 36 and write your answer in exponents.
16.	How many 250ml bottles of juice can one get from 2 litres of the same juice?
17.	Round off 12.649 to the nearest whole number.

18.	A regular polygon has 12 right angles. How many sides has the polygon?
19.	A driver left Kampala to Masaka with 8 passengers. When he reached Mpigi two passengers left the taxi and 4 passengers boarded from Lukaya. Find how many passengers reached Masaka.
20.	Find the range of -2, 0, -4, and -5.

SECTION: B

21. Shirat went to the market with 3 -ten thousand shilling notes and bought the items as shown on the table.

(a) Study it carefully and complete it.

Item	Unit cost	Quantity	Amount
Rice	_____	2kg	Shs. 7000
Beans	Shs. 3,000	$2\frac{1}{2}$ kg	Shs. _____
Maize flour	Shs. 2,500	_____	Shs. 7,500
Cooking oil	Shs. 12,000	_____ litres	Shs. 6,000
	TOTAL		_____

(5marks)

(b) Calculate how much Shirat paid for the items if she was given a discount of sh.8,000.

(1mark)

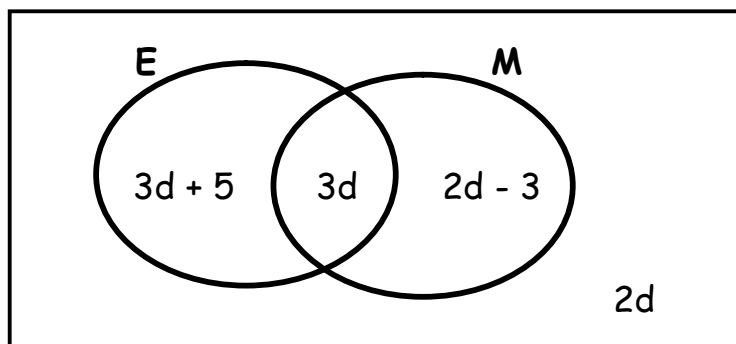
22. In a security training, bullets are shoot at an interval of 50 minutes and 75 minutes respectively.

(a) After how many hours will they shoot together?

(3marks)

22. (b) If the last shoot together at 8:15pm. At what time before were they shoot together? (2marks)

23. The Venn diagram below shows the number of tourists who visited Entebbe airport (E) and Uganda Museum (M). Use it to answer the questions that follow.



(a) If 20 tourists did not visit Uganda Museum. Calculate the value of d . (3marks)

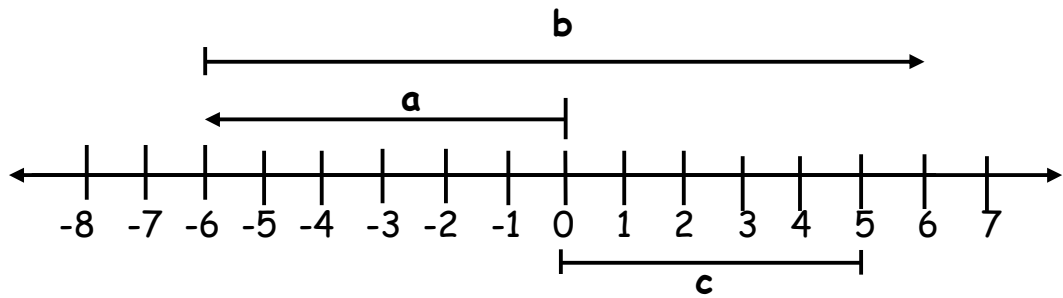
(b) Find the number of tourists who visited the two places. (2marks)

24. a) Using a pair of compasses, a ruler, a sharp pencil. Construct a triangle EHT such that $\overline{HE} = 8\text{cm}$, $\angle HET = 60^\circ$ and $\angle EHT = 30^\circ$ (4mrks)

(b) Drop a perpendicular from T to meet HE at B. Measure TB _____ (1mark)

25. Barbra, Rose, Gorreth and Merisha are pupils of P.7 whose average weight is 47kg. Merisha weighs 52kg and she is as heavy as Barbra. Gorreth is 4kg less than Barbra. Find Rose's weight. (5mrks)

26. Study the number line below carefully and use it to answer the questions below.

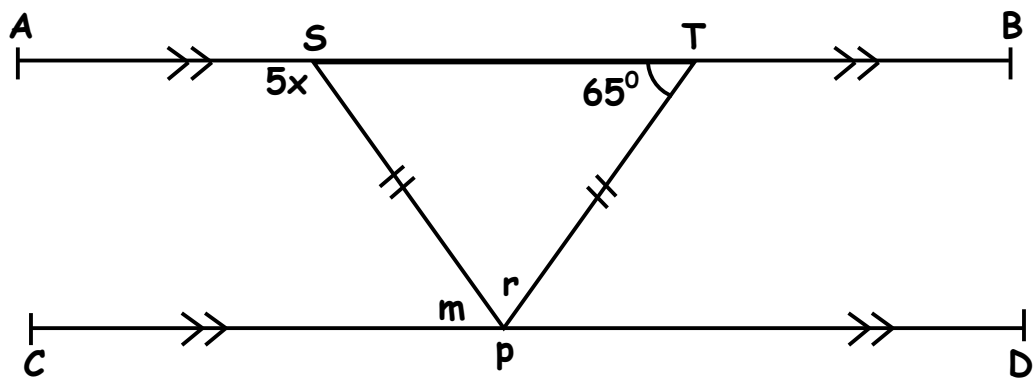


(a) Write the integers for the arrows shown. (1mark each)

a _____ b _____ c _____

(b) Write down the mathematical statement using the number line above. (2marks)

27. Given that line AB is parallel to line CD. Angle PTS = 65° as shown on the diagram below.

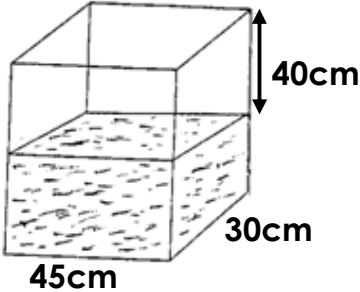


Find the value of; (2marks)

(i) x

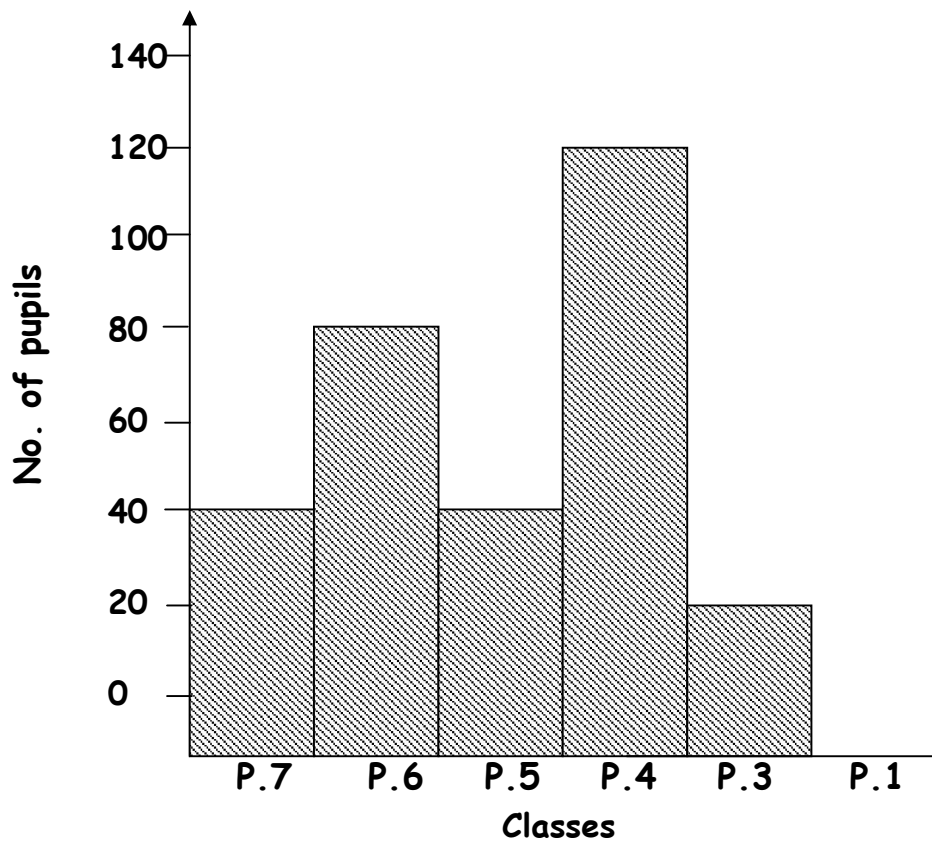
(ii) r

(2marks)

27.	(iii) m (1mark)
28.	<p>A taxi driver leaves station Masaka at 9:45am and reaches Kampala station at 2:15pm. The distance between the two stations is 180km. Calculate the average speed of the taxi driver in kilometers per hour. (4mrks)</p>
29.	<p>The diagram below shows a rectangular tank a farmer uses to collect his milk from the cows.</p> <div style="text-align: center;">  </div> <p>a) If the tank now is $\frac{1}{3}$ full of milk. Find the height of the full tank. (2mrks)</p>
	<p>b) How many litres of milk are in the tank now? (3mrks)</p>

30.	<p>(a) Workout:</p> $\frac{0.7 - 0.34}{0.2 \times 0.3}$ <p>(3marks)</p>		<p>(b) Simplify:</p> $\frac{1}{4} + \frac{5}{8} \div \frac{1}{2}$ <p>(2marks)</p>
31.	<p>a) Solve for x: $3(3x - 3) - 2(2x - 2) = 15$</p>		(3marks)
	<p>b) Given that the height of Peter is five times that of Mary. If the difference of their heights is 20cm. Find Mary's height. (2marks)</p>		

32. The graph below shows the number of pupils who were not immunised against COVID-19 in a certain school recorded from five classes with equal number of pupils of 140 in each class.



- (a) In which class was the highest number of pupils immunized? (1mk)
- (b) Find how many pupils were immunized in P.4. (2marks)
- (c) Find the total number of pupils who were not immunized in the 5 classes. (2marks)