



HILLSIDE PRIMARY SCHOOL

PRE - PLE EXAMINATION

2022

SOCIAL STUDIES WITH RELIGIOUS EDUCATION (SET FOUR)

Time Allowed: 2 Hours 15 Minutes

Index No.

RANDOM NO.	PERSONAL NO.

Candidate's Name.....

Candidate's Signature..... Stream

EMIS No.....

District.....

Read the following instructions carefully

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FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXRS' NO
1-10		
11-20		
21-30		
31- 40		
41- 43		
44- 46		
47- 49		
50- 52		
53- 55		
TOTAL		

1 Turn Over

SECTION A: (40 MARKS)

1. Which body in Uganda fights against smuggling?

.....

2. Mention any one tourist attraction in Kenya not in Uganda.

.....

3. State the reason why minerals are regarded as non-renewable resources.

.....

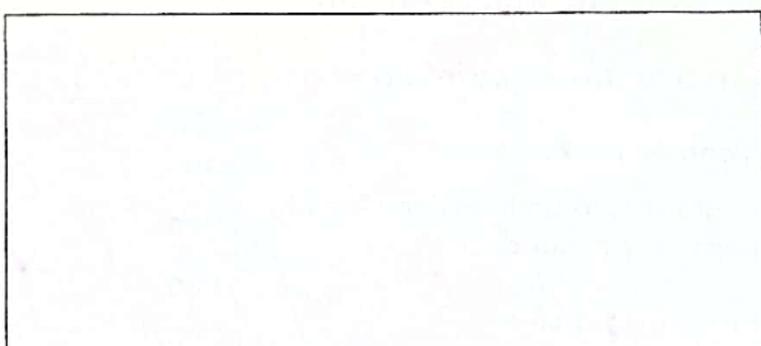
4. Mention the language spoken by most people in central Uganda.

.....

5. Why should trees be planted in the school compound?

.....

6. Draw the map of a car in the space below.



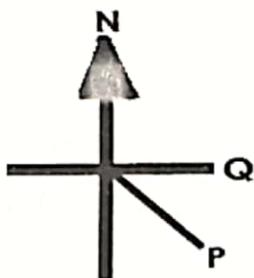
7. Give one reason why the Bantu settled in areas with fertile soils.

.....

8. State one importance of commercial banks in a country.

.....

9. Name the semi-cardinal point labelled P.



10. How does Entebbe International Airport promote development to the government of Uganda?

.....

11. Give any one reason why the Legislative Council was formed.

.....

12. State one danger of heavy rainfall in mountainous areas.

.....

13. Why is mining regarded as a primary industry?

.....

14. Give the meaning of Berlin conference.

.....

.....

15. Give any one reason why Ugandans demanded for independence.

.....

16. Name any one district crossed by the Equator in Uganda.

.....

17. State any one characteristic of countries in the Commonwealth of Nations.

.....

18. What helps a tourist to find the direction of places?

.....

19. Mention the physical feature that covers the largest part of Uganda.

.....

20. What do we call the water way that links Lake George to Lake Edward?

.....

21. State any one way fire was useful to early man.

.....

22. How do water bodies modify climate of a given area?

.....

23. Why is livestock farming not commonly practiced around thick forests?

.....

24. Why do most people in East Africa use road transport?

.....

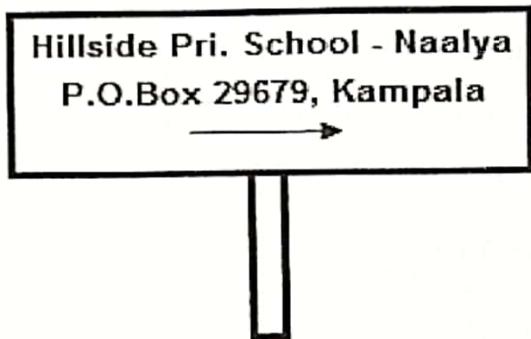
25. Why does Uganda Wildlife Authority employ game rangers?

.....

26. What is meant by the term picture?

.....

27. Name the school symbol below.



28. Which mineral is mined from Lake Katwe?

.....

29. What causes seasons?

.....

30. Name the person who represented central region on LEGCO in 1945.

.....

31. Why does the Crested Crane stand on one leg on the Uganda Flag?

.....

32. Write any one challenge facing Africa.

.....

33. Name the part on the road where pedestrians cross the road safely.

.....

34. How do citizens help the police in ensuring peace and security?

.....

35. Name the political party that led Ghana to independence.

.....

For questions 36 – 40, answer either Christianity or Islamic but not both.

36. Either: According to the Bible, who is the light of the world?

.....

Or: Who was sent to perfect Islam?

.....

37. Either: How did Adam and Eve disobey God?

.....

Or: How did Adam and Hawa disobey Allah?

.....

38. Either: State one way Christians show love for each other.

.....

Or: State one way Christians show love for each other.

.....

39. Either: Why should a Christian child always read the Bible?

.....

Or: Why should a Moslem child always read the Qura'n?

.....

40. Either: Mention one way of promoting love in a Christian family.

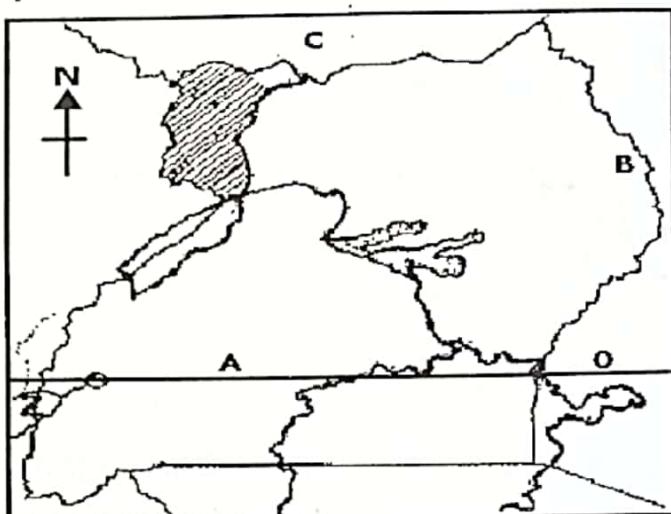
.....

Or: Mention one way of promoting love in Islam.

.....

SECTION B: (60 MARKS)

41. Study the map below and answer the questions that follow



(a) Name the country marked by letter C.

.....

(b) Mention the major crop grown in the shaded region on the map.

.....

(c) How important is the line of latitude marked with letter A?

.....

(d) Use letter P to show Lake Albert on the map above.

42. (a) What are social services?

.....

.....

(b) Mention the social services provided by the following.

(i) UNRA

(ii) UPDF

(c) State one importance of social activities to people.

.....

43. (a) What term refers to the movement of people from one place to another for settlement?

.....

b) Give one reason why people migrate from an area to another for settlement.

.....

c) Mention one danger of rural - urban migration.

.....

d) How can urban - rural migration be encouraged in Uganda?

.....

44. Fill in the table below correctly

List A: Minerals	List B: Final product
	Cement
	Artificial fertilizers
Crude oil	
Uranium	

45. (a) How do the following groups of people help to fight child abuse?

(i) Police force

.....

(ii) Parents

.....

(b) Give any two ways children's rights have been physically abused.

(i)

(ii)

46. (a) Which type of climate has warm and wet winters?

.....

(b) State any one way climate influences human activities.

.....

(c) Give any one condition of weather.

.....

(d) State one way people guard themselves against bad weather.

47. (a) In which country was the **Maji Maji** rebellion staged?

.....

(b) State any two positive outcomes of the **MAU MAU** rebellion.

i)

ii)

(c) Why were African resistances towards colonial rule defeated?

.....

48. a) Name the type of vegetation that grows on its own.

.....

b) Give one reason why mangrove vegetation is suitable for ship building.

.....

(c) Give any one way of conserving natural vegetation.

.....

(d) State any one human activity that leads to destruction of vegetation.

49. (a) Why are symbols used on maps?

.....

(b) Name the physical features represented by the symbols below.

(i) 

(ii) 

(c) How is a key helpful in map reading?

.....

50. (a) Mention the British governor who exiled Kabaka Mutesa II.

.....

(b) Why was Kabaka Mutesa II exiled to London in 1953?

.....

(c) State any one way the Baganda reacted towards the exiling of kabaka Mutesa II.

.....

(d) Give the reason why Sir Keith Hancock was sent to Buganda in 1954.

.....

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

- 51. Either** (a) Which material did God use to create Adam?

.....

- (b) Give any one reason why God created man.

.....

- (c) Mention two other creatures made by God a part from man.

i)

ii)

- Or:** (a) Which material did Allah use to create Adam?

.....

- (b) On which day did God create man?

.....

- (c) Mention two other creatures made by God besides man.

i)

ii)

- 52. Either:** (a) What do we call the fasting period for Christians?

.....

- (b) State two reasons why Christians fast.

i)

ii)

c) Which day marks the end of the fasting period in Christianity?

.....

Or: a) What do we call the fasting period for Moslems?

.....

(b) State two reasons why Moslems fast.

i)

ii)

c) Which day marks the end of the fasting period in Islam?

.....

53. Either: a) Where did Jesus Christ perform his first miracle?

.....

b) Name the miracle Jesus performed in the place named in (a) above.

.....

c) State two reasons why Jesus performed miracles.

(i)

(ii)

Or: a) Give two reasons why Moslems pray to Allah

(i)

(ii)

b) Name the place of worship for Moslem.

.....

c) What is the role of an Imam during prayers?

.....

54. FOR BOTH a) Give two groups of people who need every one's help.

(i)

(ii)

b) State two values of helping people who are in need.

(i)

(ii)

55. Either: (a) Name one other person who received God's message

besides Abraham.

.....

(b) State any two promises God made to Abraham.

(i)

(ii)

(c) Why did God ask Abraham to sacrifice his son Isaac?

.....

Or: a) Name one other person who received God's message besides Ibrahim.

.....

ii) State any two promises God made to Prophet Ibrahim.

(i)

(ii)

(c) Why did God ask Prophet Ibrahim to sacrifice his son Ismail?

.....

END



HILLSIDE PRIMARY SCHOOL
PRE-PRIMARY LEAVING EXAMINATIONS
2022

INTEGRATED SCIENCE (SET FOUR)

Time Allowed: 2 Hours 15 Minutes

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Section A has 40 questions and Section B has 15 questions
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SECTION A

1. Give any **one** way of caring for our eyes.

.....

2. Mention any **one** example of a swimming bird.

.....

3. State any **one** type of magnets.

.....

4. Name any one renewable energy resource in the environment.

.....

5. What is the best way of controlling tick borne diseases in cattle?

.....

.....

6. What do we call the structures fish use to breathe?

.....

7. Explain how a millipede protects itself from enemies.

.....

8. Name one tool which is used for transplanting.

.....

9. Give any one way plants depend on some birds.

.....

10. Point out any one type of honey bees.

.....

11. State any one way of promoting personal hygiene.

.....

12. Give any **one** example of root tubers.

.....

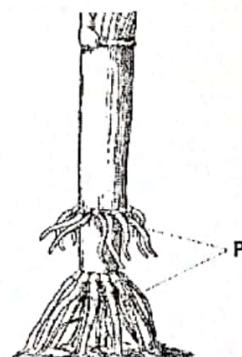
13. Write down any **one** type of pollination.

.....

14. Which food value is mainly obtained from sweet potatoes?

.....

Use the diagram to answers the questions **15** and **16**.



15. Name the roots marked **P**

.....

16. How are the roots named above important to a plant?

.....

17. Name the main source of energy in the environment.

.....

18. Identify any **one** block in a food path.

.....

19. Name any **one** chemical found in tobacco.

.....

20. Why is it not advisable to pour paraffin in a pit latrine?

.....

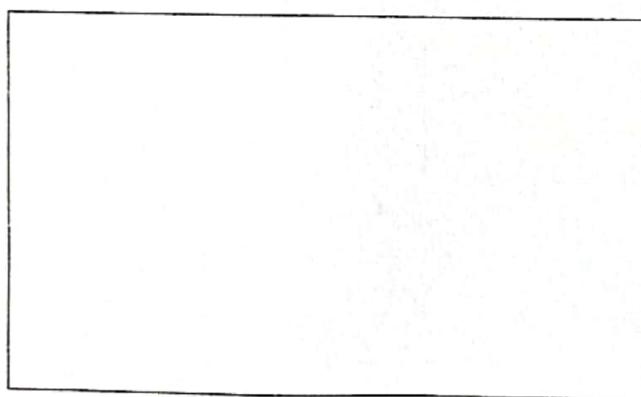
.....

21. State any **one** way of controlling the spread of HIV.

.....

.....

22. Draw a diagram showing a parallel beam of light.



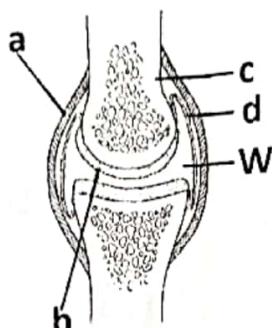
23. State **one** reason people give for cutting down trees.

.....

24. State any **one** example of sheep kept for wool production.

.....

The diagram below is of a joint. Use it to answer questions **25** and **26**.



25. Name the part marked **W**

.....

26. How is the part named above important at a joint?

.....

27. State the difference between a burn and a scald.

.....

.....

28. Which type of electricity is obtained from fast flowing water?

.....

29. Name the fungus which is edible.

.....

30. Give any **one** example of a voluntary muscle.

.....

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

.....

32. Name the body organ that helps to store memory.

.....

33. State any **one** role of plasma in the body?

.....

34. Name the main part of a plant where food is made from.

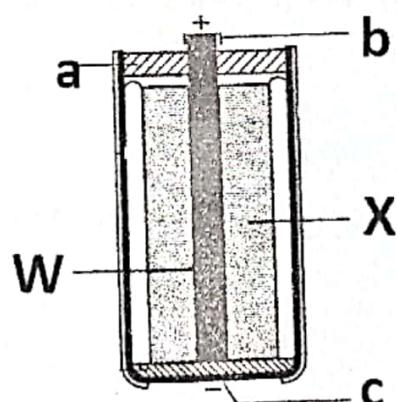
.....

35. What do you understand by the term first aid?

.....

.....

The diagram below shows a dry cell. Use it to answer questions **36** and **37**.



36. Name the part marked latter **W**

.....

37. What form of energy is produced by a dry cell?

.....

38. Why does the ministry of health encourage people to wear face masks when in public?

.....
.....

39. Point out any **one** natural method of family planning.

.....

40. How is a shadow formed?

.....
.....

SECTION B (60 marks)

41.a) What are invertebrates?

.....
.....

b) Give any **two** examples of molluscs.

(i).....

(ii).....

(c) Why is a snake regarded as a vertebrate?

.....
.....

42. a) Identify any **two** states of matter.

(i).....

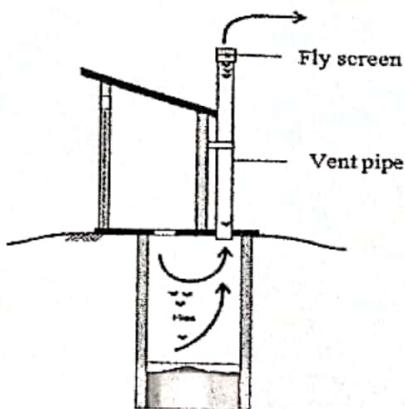
(ii).....

(b) State any **two** properties of air.

(i)

(ii).....

43. The diagram below shows a component of a clean home. Use it to answer the questions that follow.



(a) Name the component of a clean home shown above.

.....

b) State any **one** way of keeping component above clean?

.....

c) Outline any **two** diseases that can result from failure to keep the component above clean.

(i).....

(ii).....

44. a) Name any **two** breeds of rabbits kept by people in Uganda.

(i).....

(ii).....

(b) Give any **one** reason why people keep rabbits.

.....

(c) What is a female rabbit called?

.....

45. a) Give any **two** ways wetlands are important in the environment.

(i).....

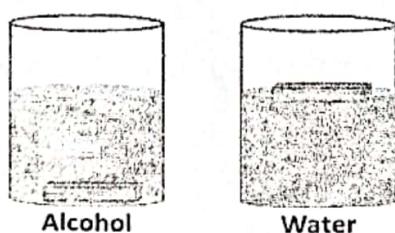
(ii).....

b) Mention any **two** ways people are destroying wetlands in Uganda.

(i).....

(ii).....

46. The diagram below shows an object when put in alcohol and then in water. Study it and use it to answer the questions that follow.



a) Why did the object sink when put in alcohol as shown above?

.....

b) Why did the object float on water?

.....
.....

c) Name any **two** objects which can sink in water.

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

47 a) Apart from silk, mention any other two examples of natural fibres.

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

(b) Name the animal that produces silk.

.....
.....

(c) Give any **one** example of an artificial fibre.

.....

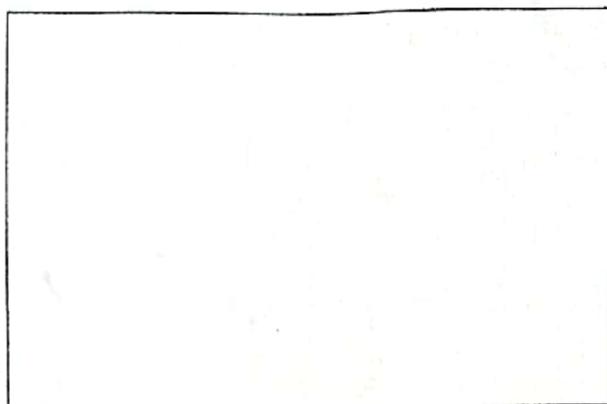
48. a) Point out any **two** agents of seed dispersal.

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

(b) State any one characteristic of seeds dispersed by animals.

.....

(c) In the space below, draw a fruit dispersed by wind.



49. What is smoking?

.....
.....

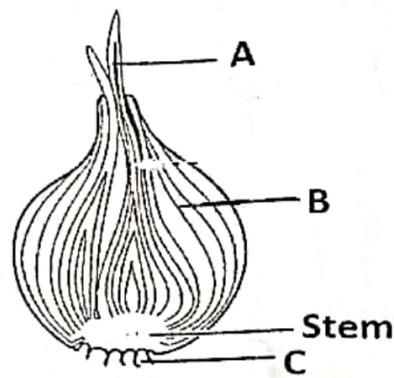
b) Give two types of smoking.

- i)
- ii)

c) State any **one** effect of smoking to an individual.

.....
.....

50. The diagram below shows the bulb of an onion. Use it to answer the questions that follow.



a) Name the parts marked **B** and **C**

(i) **B**.....

(ii) **C**.....

b) How important is part **A** to a plant?

.....

.....

c) How is the above plant propagated?

.....

51. a) Briefly explain what each of the following means as used in sound;

(i) Pitch

.....

.....

(ii) Frequency

.....
.....

(b) State any one way of reproducing stored sound.

.....
.....

(c) Give any **one** device used to store sound.

.....

52. Study the table below and fill in the blank spaces

Excretory organ	Waste product
Lungs
Liver
.....	Uric acid
.....	Lactic acid

53. (a) Write in full **ORS**

.....
.....

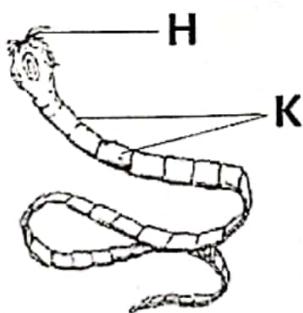
(b) Mention the **two** solutes commonly used when preparing ORS locally.

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

(c) Why should **one** first wash the hands before preparing ORS?

.....
.....

54. The diagram below shows a tapeworm. Use it to answer the questions that follow.



(a) Name the parts parked H and K

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

(b) What does a tapeworm feed on?

.....
(c) How do tapeworms enter our bodies?

.....
.....
.....
55. Match the list in A to that in B correctly.

A

(i) Sound

(ii) Power

(iii) Weight

(iv) Current

B

Newton's

Amperes

Watts

Decibels

(i) Sound.....

(ii) Power.....

(iii) Weight.....

(iv) Current.....

END



HILLSIDE PRIMARY SCHOOL

PRE-PRIMARY LEAVING EXAMINATIONS

2022

ENGLISH (SET FOUR)

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Section A

For questions 1 to 6, fill in the blank space with the most suitable word.

1. Muhwezi shared the cake.....the triplets.
2. My classmates and I are good.....debating.
3. Josephine took her saloon car to thebut she did not find the mechanic.
4. Let's pay attention to the speaker,?
5. ".....ewe is a female sheep," Nana answered.
6. The bank manager is not late andis the cashier.

For questions 7 to 15, use the correct form of the word in brackets to complete the sentence.

7. The president's chauffeur has just.....away.(drive)
8. Mr. Mugisha, the baker, prepared acake. (taste)
9. The main speaker spoke during the Sunday-5:00 o'clock debate. (able)
10. Kavuma got aafter paying school fees to the bursar.
(receive)
11. Arib-Ali wore thekanzu for Juma prayers. (new)
12. I.....writing a letter to my father now. (to be)
13. Manyin our class wish to become journalists.
(child)
14. The best was given a special prize. (football)
15. If the mechanic came early, he repair my car. (will)

For questions 16 and 17, use the given words in sentence to show that you know the difference in their meanings.

16. our

.....
.....

17. hour

.....
.....

For questions 18 and 19, arrange the given words in alphabetical order.

18. surf, delete, save, log

.....
.....

19. alright, area, adapt, access

.....
.....

For questions 20 and 22, write the following abbreviations in full.

20. I've

.....

21. ATM

.....

22. viz.

.....

For questions 23 to 25, re-write the following sentences giving the opposite of the underlined words.

23. Their classroom is always clean.

.....
.....

24. James' parents are so responsible that they give him alcohol.

.....
.....

25. Our teachers are happy that we are disciplined.

.....
.....

For questions 26 to 28, give the plural form of the given words.

26. library

27. syllabus

28. a ream of paper.....

For questions 29 and 30, arrange the following sentences to form meaningful sentences.

29. mine that car is than expensive more

.....
.....

30. How debating important is !

.....
.....

For questions 31 to 50, re-write the following sentences as instructed in brackets.

31. Akello is a pretty girl, John said. (Punctuate this sentence correctly.)

.....
.....

32. The taxi was full. The driver started the engine.

(Re-write beginning: As soon as.....)

.....
.....

33. One should bathe daily. (Rewrite the sentence using:.....necessary.....)

.....
.....

34. Jacob is a teacher. Jacob is a counselor.

(Rewrite the sentence using:as well as.....)

.....
.....

35. The proposers lost the debate. They had good points.

(Join the sentences using:.....although.....)

.....
.....

36. If the editor comes today, we shall learn print media.

(Rewrite the sentence beginning: Unless.....)

.....
.....

37. This parcel weighs 300g. That parcel weighs 500g.

(Join using:as.....as.....)

.....
.....

38. Juma went to the bakery. He wanted to eat a hot cake.

(Join using:so that.....)

.....
.....

39. Customers in Alpha Restaurant prefer juice to soda.

(Re-write using:like.....)

.....
.....

40. Abel needs airtime. He wants to make another call.

(Re-write using:in order.....)

.....
.....

41. It is not far from Naalya to Ntinda.

(Re-write using:a long way.....)

.....
.....

42. The Dutch are intelligent people. Everyone likes them.

(Join using:such.....that.....)

.....
.....

43. Our school bus arrives at school early. (Re-write using:reaches.....)

.....
.....

44. There is a difference between a pen and a pencil.

(Rewrite the sentence beginning: A pen is)

.....
.....

45. We are eagerly waiting to study carpentry this term.

(Re-write beginning: We look forward to.....)

.....
.....

46. There isn't any sugar in the tea. (Rewrite using:some.....)

.....
.....

47. Eating half cooked meat is bad.

(Rewrite the sentence beginning: It is.....)

.....
.....

48. Yes, it is a long way from here to Arua. (Write a suitable question for this response.)

.....
.....

49. My teacher has a blue shirt. (Rewrite beginning: Our teachers.....)

.....
.....

50. All the teachers are smart. (Rewrite beginning: None.....)

.....
.....

Section B
(Questions 51 to 55 carry 10 marks each)

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

Nabindi junior academy
p.o box123
kalaki

15th march 2020

Dear keza,

I hope you are keeping yourself safe from the covid 19 pandemic. For my case, I am following all the directives and guidelines strictly.

I am writing to inform you that my father has opened for me a poultry farm behind our home. He has so far brought one hundred birds. This project has kept me busy since I have to monitor the feeding of the birds and the cleaning of the poultry house. It is a good project and I expect the birds to start laying eggs soon.

I dearly inform you to request your parents to open for you a project that can help you to learn how to survive without going to office. These projects may include, piggery, poultry, baking,tailoring and farming since all of them can be done from home.

I will be glad to hear from you soon

Your friend
Ruth mukisa

Questions

- a) Who wrote the letter?

.....
.....

b) When was the letter written?

.....
.....

c) To whom was the letter written?

.....
.....

d) To which school does the writer go?

.....
.....

e) Where is the writer's school found?

.....
.....

f) Why did Ruth write the letter?

.....
.....

g) Which project has Ruth's father opened for her?

.....
.....

h) Besides feeding the baby, what else does Ruth do?

.....
.....

i) Apart from poultry which other project can one start?

.....
.....

j) How many birds does Ruth have so far.

.....
.....

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

Debating –debating –debating,
Is it a hobby or a war of words?
When the chairperson opens the debate,
And proposers spring into action,
Opposers throw in points of information,
You may just wonder their intentions.

A speaker raises a point of information,
The chairperson thinks it's just an inquiry,
Listen as the argument heats up,
But the speaker's time is up,
The timekeeper rings the bell.

The secretary has been jotting points,
The points proposed and those opposed,
Which side will carry the motion?
The one that has followed the rules,
And the one that knows how to argue,
Then the winner is made known.

Ssemaganda

Questions

- a) Who wrote the poem?
-
.....

b) What is referred to as "a war of words"?

.....
.....

c) When does the timekeeper ring the bell?

.....
.....

d) How many stanzas are in the poem?

.....
.....

e) How is debating important?

.....
.....

f) Why is a debate described as a war of words?

.....
.....

g) Who controls the proceedings in a debate?

.....
.....

h) What is the topic of discussion in a debate called?

.....
.....

i) Write a word or group of words to mean the following as used in the poem.

(i) carry the motion.....

(ii) made known

53. Re-arrange the following sentences to make a good story.

1. From the menu, I ordered for matooke and chicken.
 2. I gave the money to the waiter who paid it to the cashier
 3. I was welcomed by a waiter wearing a blue apron.
 4. On Tuesday afternoon, I went to a restaurant to have a meal.
 5. While I was shown a small sink from where I washed my hands.
 6. After taking a seat, I was given a menu.
 7. The waiter brought my food and served me.
 8. After serving me, he brought my bill.
 9. I walked out of the restaurant satisfied and happy.
 10. As the waiter went to place the order, another laid the table.

54. Study the invitation card below and answer the questions about it.

DANI & ANI

The family of Mr. and Mrs William Birungi of Naalya, Wakiso district, together with the family of Mr. and Mrs. Brain Kintu of Mbuya, Kampala cordially invite the company of ***Rev. Otim Peter*** to the wedding ceremony of their children;

Mulindwa Daniel and Nabukenya Anitah

which will take place on Saturday, 6th June 2015 at St. Paul's Cathedral, Namirembe, at 12:00 noon, and thereafter, to a reception at Silver Springs Hotel at 3:00 p.m.

Your coming will grace the occasion.

RSVP

Mr. Kintu Francis

Tel: 0772428472

Ms. Nalubega Jeniffer

Tel: 0703617242

a) Who is being invited?

.....

b) Who are the people going to wed?

.....

c) Where will the reception be?

.....

d) Who are the parents of Mulindwa Daniel?

.....
.....

e) When will the wedding take place?

.....
.....

f) Mention one person who can be contacted if one wanted to know more details about this wedding.

.....
.....

g) Where does the family of Mr. and Mrs. William Birungi stay?

.....
.....

h) According to the card, who is the bride?

.....
.....

i) Mention one person that accompanies and helps the wedding couple in church and at the reception.

.....
.....

j) Write RSVP in full.

.....
.....

55. Your results for the primary leaving examinations (PLE) were quite good. You were given a place in Rerema mixed secondary school, P.O Box 15 Rerema. You have reported for first term, but without the result slip from your former school. The result slip is needed in your new school. Using your school address, write a letter to the head teacher of your former school. Tell him/her that you have started your studies in the new school and ask him or her to send you your PLE result slip.



HILLSIDE PRIMARY SCHOOL
PRE-PRIMARY LEAVING EXAMINATIONS
2022

MATHEMATICS (SET FOUR)

Time Allowed: 2 Hours 30 Minutes

Index No.	Random No.								Personal No.

Candidate's Name..... Stream.....

Candidate's Signature.....

EMIS No.....

District Name.....

Read the following instructions carefully:

1. The paper has **two** sections: **A** and **B**.
Section A has 20 questions and Section B has 12 questions
2. Answer **all** questions. All answers to both sections **A** and **B** must be written in the spaces provided.
3. All working must be done using a blue or black ball-point pen or fountain pen. Any work written in pencil other than graphs and diagrams will not be marked
4. No calculators are allowed in the examination room.
5. Unnecessary changes in work may lead to loss of marks. Any handwriting that cannot easily be read may lead to loss of marks.
6. Do not fill anything in boxes indicated: "**For Examiners' Use Only**" and those inside the paper.

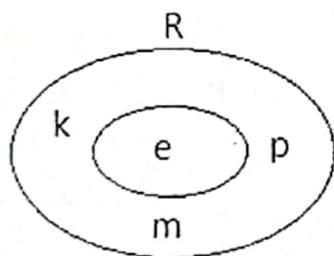
FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXRS' NO
1- 5		
6- 10		
11- 15		
16- 20		
21- 22		
23- 24		
25- 26		
27- 28		
29- 30		
31- 32		
TOTAL		

SECTION A: (40marks)

1. Workout: $42 + 53$

2. Write 40,402 in words

3. Calculate the number of subsets in set R below



4. Find the next number in the sequence below;

42, 40, 36, 34, 30, ___

5. Work out: $1\frac{2}{5} \div \frac{1}{5}$

6. Take $5w - 4$ away from $9 + 7w$

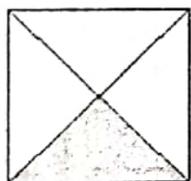
7. Simplify; $11 - 5$

8. Using a ruler, a pencil and a pair of compasses only, construct an angle of 240°

9. In Gogonyo village, there are 65 huts. Given that  represents 13 huts, draw a pictograph to represent the above information

10. Simplify : $5 - 9 + 12 \div 2$

11. What percentage of the figure below is **un-shaded**?



12. Express 54 as a product of its prime factors.

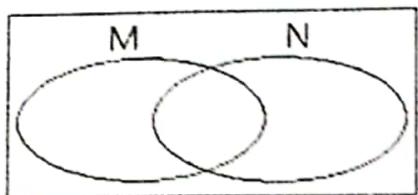
13. Given that a US dollar costs Ug.sh. 3650, find the amount in Uganda shillings one can pay for a TV set which costs US dollars 120.

14. Find the **value** of **2** in 1203_{four}

15. The Non-teaching staff meeting at Hillside Schools ended at 1:25pm. If it lasted for three hours and forty minutes, when did it start?

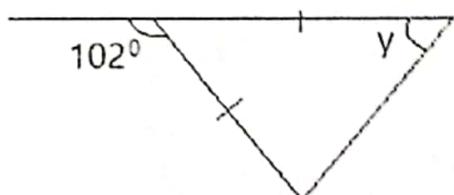
16. Solve the equation: $2(1 + h) = 12$

17. Shade $(N - M)'$ in the diagram below

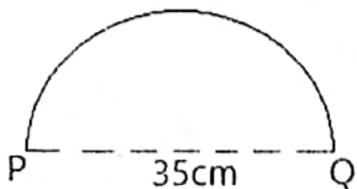


18. Eight boys take 10 days to slash the compound. How much longer will four boys take to slash the same compound working at the same rate?

19. Study the figure below and calculate the value of y



20. Find the length of the arc PQ in the figure below



SECTION B: (60 marks)

21. The sum of three consecutive odd numbers is 117.

a) Find the numbers.

(4 marks)

b) Express the largest number in Roman numerals.

(1 mark)

22. A wheel barrow tyre covered a distance of 1.32km after making 1200

revolutions. Calculate its diameter

(4 marks)

23. a) Simplify: $\frac{3.6 - 2.52}{0.4 \times 0.018}$ **(3 marks)**

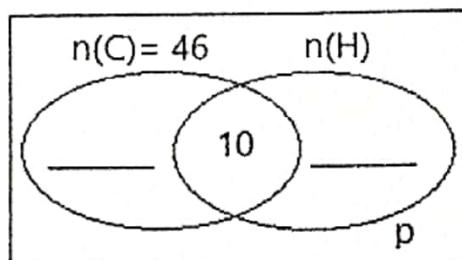
b) Simplify: $\frac{2}{3} - \frac{1}{6}$ of $1\frac{1}{2}$ **(2 marks)**

24. In a group of 80 adults, 46 were vaccinated against Covid 19 (C), (p+6) were vaccinated against Hepatitis B (H) only, p were vaccinated against other diseases, while 10 were vaccinated against both Covid 19 and Hepatitis B

a) Use the above information to complete the Venn diagram below.

(2 marks)

$$n(\varepsilon) = 80$$

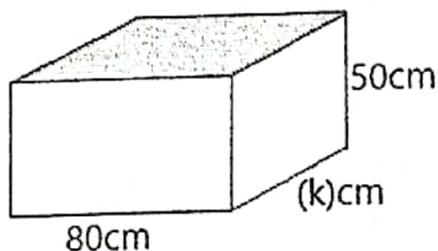


b) Find the value of p.

(3 marks)

c) If an adult is picked from the group at random, what is the chance of picking one who was vaccinated against Hepatitis B? (1 mark)

25. Given that the area of the shaded region is 5600cm^2



a) Find the value of k **(3 marks)**

b) Calculate its capacity **(2 marks)**

26. The table below shows the denominations, number of notes and amount.
Complete it carefully with correct working, if the grand total is sh. 154,000.
(5 marks)

Denominations	Number of notes	Amount
One thousand shilling note	15	Sh. 15,000
Two thousand shilling note	7	Sh.
Five thousand shilling note	Sh. 45,000
..... note	4	Sh. 40,000
Twenty thousand shilling note	Sh.
TOTAL		Sh. 154,000

27. Kakwezi was given a task of serving pencils by her class teacher. She served 6 pencils per pupil, 1 pencil remained, she decided to serve 5 pencils per pupil and 4 remained. She got annoyed gave 7 pencils to every pupil and nothing remained. What was the least number of pupils Kakwezi served?
(4 marks)

28. Acio allocated $\frac{1}{2}$ of her land to Achelam, $\frac{1}{4}$ of the remainder to Opiko and she remained with the rest.

- a) Find the fraction allocated to Opiko. **(3 marks)**

- b) If Acio remained with 2.1 hectares, how much land did she have at first? **(2 marks)**

29. Esekuna's age is a quarter of that of Suruni. In 6 years' time, Suruni's age will be twice that of Esekuna.

- a) How old is Esekuna now? **(3 marks)**

b) What was Suruni's age 4 years ago?

(2 marks)

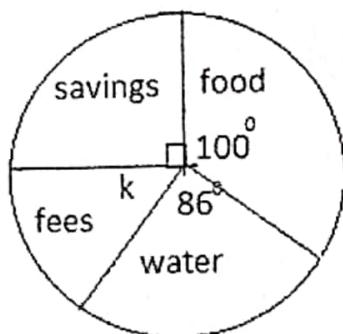
30. a) Using a pair of compasses, a ruler and a well sharpened pencil, construct triangle PMK where $PM = 4\text{cm}$, angle $PMK = 120^\circ$ and $MK = 7\text{cm}$.

(4 marks)

b) Draw a perpendicular line from point M to meet line PK at N

(1 mark)

31. The pie chart below shows Mr Kabuye's weekly savings and expenditure.
Use it to answer questions that follow.



- a) Find the angle sector for fees. **(3 marks)**
- b) If his weekly earnings is sh. 54,000, how much does he save in a month? **(3 marks)**

32. Masete left town Q driving at a steady speed of 84km/hr for $1\frac{1}{4}$ hours and then rested for 15 minutes for the engine to cool. He then continued with his journey driving at a steady speed of 60km/hr and covered the remaining 150km.

a) Find the distance he covered before resting. **(2 marks)**

b) Calculate Masete's average speed for the whole journey. **(3marks)**

END