



HILLSIDE PRIMARY SCHOOL-NAALYA

PRE-REGISTRATION EXAMINATIONS

2022

MATHEMATICS (Set one)

Time Allowed: 2 Hours 30 Minutes

Name: Stream:

Read the following instructions carefully

1. The paper has **two** sections: **A** and **B**.
2. **All** the working for both sections **A** and **B** must be shown in the spaces provided.
3. **All** the working must be done using a blue or black ball-point pen or fountain pen. Diagrams must be drawn in pencil.
4. **Calculators** are not allowed in the examination room.
5. Unnecessary changes of work may lead to **loss** of marks.
6. Any handwriting that cannot easily be read may lead to loss of marks.
7. **Do not** fill anything in boxes indicated:
"For Examiners' Use Only" and those inside the question 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: 40 MARKS

1. Divide: $24 \div 3$
2. Simplify: $4a - 3b - a + 4b$.
3. Given that $M = \{x, y, z\}$. How many subsets are in set M?
4. Find the next **two** numbers in the sequence below.
 $81, 27, 9, 3, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}$
5. Simplify: $3 - \frac{1}{2}$
6. Write the 49 in Roman Numerals.

7. If  represents 7 boxes. Draw pictures to represent 42 boxes.

8. Work out $4 - 9$ using a number line below.



9. A nurse started working at 9:15 a.m. and ended at 11:45 a.m. For how long did she take while working?

10. Using a pencil, a ruler and a pair of compasses only construct an angle of 60° .

11. If today is Wednesday, what day of the week will it be after 32 days from now?

12. Increase 4000 by 10 %

13. Find the 19th triangular number.

14. A die was tossed once. What was the probability that an even number showed up?

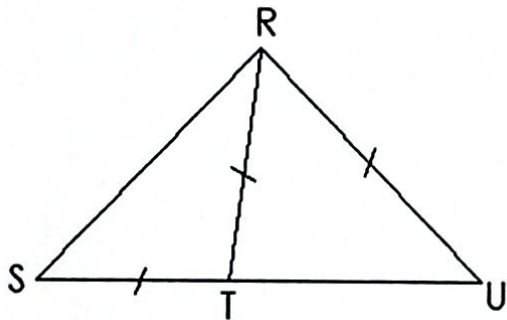
15. How many half litre bottles can one obtain from a 20 litre jerrycan?

16. Work out $(24 \times 4) + (6 \times 4)$ using distributive property.

17. A car moved at a speed of 55km/hr in 2 hours. What distance did it cover?

18. Expand 358 using values.

19. In a triangle RSU, T is a point on SU such that $ST = TR = RU$ and angle $TRU = 20^\circ$. Find angle SRU.

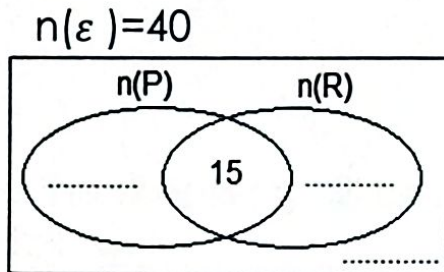


20. Edson is three times as old as Elias. Given that the product of their age is 75 years. How old is Edson?

SECTION B: 60 MARKS

21. In a class of 40 pupils, 7 pupils like posho (P) only. M pupils like rice (R) only and 15 pupils like both posho and rice. If 5 pupils don't like any of the two food stuffs.

a) Show the information on the Venn diagram. **(3marks)**



b) If a child is chosen to represent the class. What is the probability that he likes only one type of food? **(2mks)**

22. Medrine spends $\frac{2}{3}$ of her pocket money on food, $\frac{1}{4}$ of the remainder on rent and saved the rest.

a) What fraction of her pocket money does she save?

(2marks)

- b) If she spends sh.11,200 less on rent than food, calculate her pocket money. **(3marks)**

23. Study the shopping bill and use it to answer the questions that follow.

Items	Quantity	Unit cost	Amount
Rice	2 kg	Sh.4,500	Sh.
Meat	kg	Sh. 10,000	Sh. 25000
Salt	4 kg	Sh.	Sh. 8000
Sugar	3 kg	Sh.	Sh.
Total Expenditure			Sh. 54,000

- a) Complete the table below. **(5marks)**

- b) If he went with sh. 60,000, how much was his change? **(1mark)**

24. Given that $y = x+1$. Complete the table.

(5 marks)

X	-5		-1	1		5
Y		-2	0		4	

25. In a P.7 class, there are 20% more girls than boys.

a) What is the percentage for girls? **(2marks)**

b) If there are 120 boys, how many pupils are there in the class? **(3marks)**

26.a) Workout $3+4=....$ (finite 5)

(2marks)

b) If tomorrow is a Monday, what day of the week will it be after 46 days from today?

(3marks)

27. A motorist left town A to town B at a steady speed of 30km/hr. He returned to town A at a steady speed of 40km/hr. If he used one hour and 45 minutes to cover the whole journey, calculate the distance between town A and town B

(4marks)

28. The sum of 3 consecutive even numbers is 42. If the first number is k .

a) Find the value of k .

(3marks)

b) Calculate their range.

(2marks)

29. The table below shows the scores of a group of pupils in a class.

Marks	80	60	90	70
No. of pupils	2	3	1	4

a) How many pupils did the test?

(2 marks)

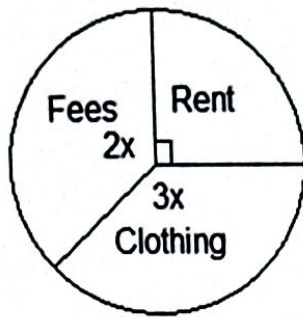
b) Calculate the average mark.

(3 marks)

30. Eddy is four times as old as Glory. Six years ago, the difference in their age was 21 years. How old is Eddy?
(5marks)

31. Using a ruler, a pencil and a pair of compasses only construct triangle ABC in which angle $ABC = 60^\circ$, angle $BAC = 45^\circ$ and side $AB = 7\text{cm}$. Drop a perpendicular line from point C to meet line AB at X.
(5 marks)

32. The pie-chart below shows Gato's monthly expenditure



a) Find the value of x

(3 marks)

b) If he spends sh.36,000 on fees, find his total monthly expenditure.

(2 marks)

END



HILLSIDE PRIMARY SCHOOL - NAALYA

PRE - REGISTRATION EXAMINATIONS

SET ONE

2022

SOCIAL STUDIES WITH RELIGIOUS EDUCATION

Time Allowed: 2 Hours 15 Minutes

Name:

Stream:

Read the following instructions carefully

1. The paper has **two** sections: **A** and **B**.
2. **All** the working for both sections **A** and **B** must be shown in the spaces provided.
3. **All** working must be done using a blue or black ball-point pen or fountain pen. Diagrams must be drawn in pencil.
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5. Any handwriting that cannot easily be read may lead to loss of marks.
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FOR EXAMINERS' USE ONLY

Qn. No.	MARK S	EXRS' NO
1-10		
11-20		
21-30		
31-40		
41-43		
44-46		
47-48		
49-51		
52-53		
54-55		
Total		

SECTION A (40 MARKS)

1. Which direction is Uganda from Tanzania?

.....

2. What type is Mabira forest in Uganda?

.....

3. Why were Indian coolies introduced in East Africa?

.....

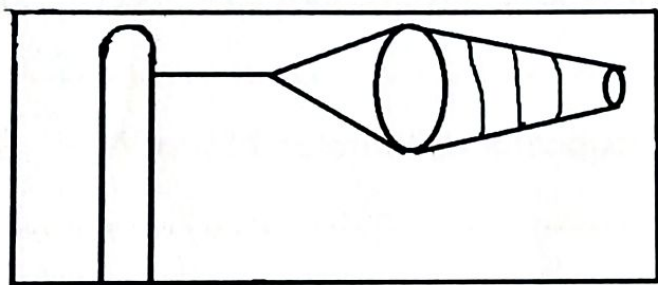
4. Which ministry is in charge of Electoral Commission in Uganda?

.....

5. Why is Mbale town densely populated than rural areas?

.....

6. Name any one place where the instrument below is found?



.....

7. Give one danger of fishing using poison.

.....

8. Why is Eliud Mathu remembered in the political history of Kenya?

.....

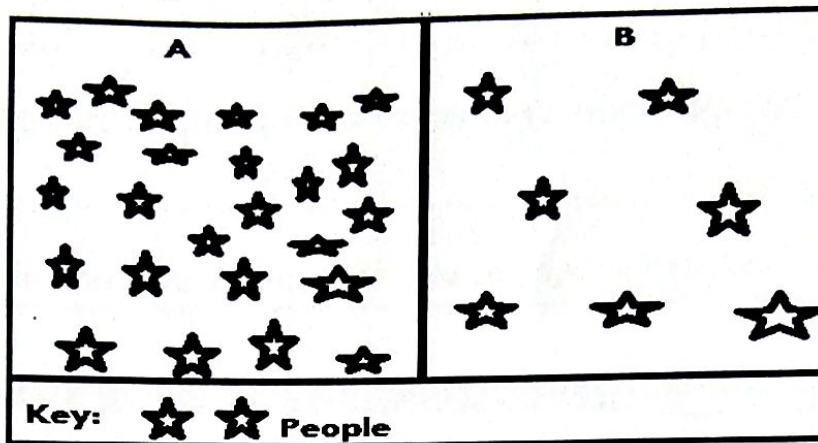
9. Which instrument is used to measure the speed of moving wind?

.....

10. How is Kericho important to the development of Kenya?

.....

Study the diagram below and answer question 11.



11. Compare the population of places A and B.

.....

12. What title is given to the head of Uganda prisons?

.....

13. How was nationalism promoted in Uganda before 1962?

.....

14. Why did colonialists introduce cash crop growing in East Africa?

.....

15. Why is Kazinga channel a tourist attraction?

.....

16. Give the meaning of faulting.

.....

.....

17. State one economic problem faced by Burundi due to her location.

.....

18. Why do deciduous trees shed leaves during dry the season?

.....

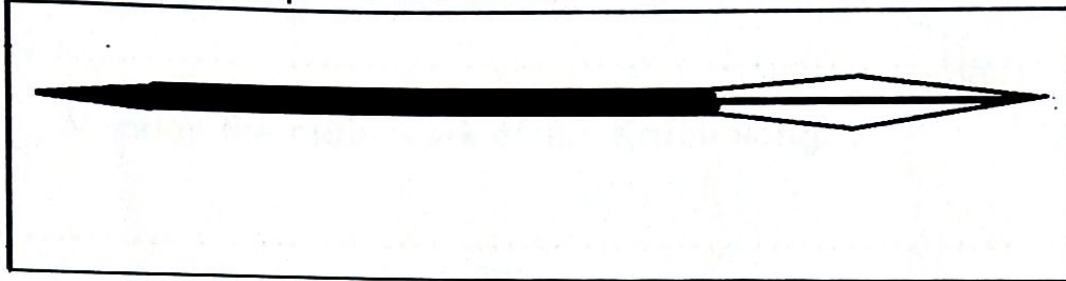
19. In which way does Uganda benefit from port Mombasa?

.....

20. Who heads all civil servants in a municipality?

.....

21. State the importance of the instrument below in a home.



.....

22. Mention any one way peace promotes economic development of Uganda.

.....

23. How did Henry Morton Stanley contribute to the coming of missionaries in Uganda?

.....

.....

24. Give any one example of a renewable resource.

.....

25. Mention any one product of copper.

.....

26. Mention any one cause of population growth in Uganda.

.....

27. What shows that Uganda was once colonized by Britain?

.....

28. Give any one importance of a national constitution.
.....
29. How do swamps support the craft industry?
.....
30. What is my new direction after turning 45° clockwise from East?
.....
31. Mention the main work of the Karimojong.
.....
32. Name the first railway line to be built in East Africa.
.....
33. State any one social contribution of missionaries in East Africa.
.....
34. What is the main cause of land fragmentation in Kigezi sub region?
.....
35. Give one reason why people should not settle in swamps.
.....

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

36. **Either:** What does the term gospel mean?
.....
- Or:** What does the term “**hadiths**” mean?
.....
37. **Either:** Who was the mother of Isaac?
.....

Or: Name the mother of Isaac.

.....

38. Either: How was Adam punished by God for his disobedience?

.....

Or: How was Adam punished by Allah for his disobedience?

.....

39. Either: Write one way man has failed to live by God's standards.

.....

Or: Write one way man has failed to live by Allah's standards.

.....

40. Either: State one importance of reconciliation to Christians.

.....

Or: State one importance of reconciliation to Moslems.

.....

SECTION B (60 MARKS)

41. a) State any two ways of improving agriculture in East Africa.

(i)

(ii)

b) Give any two problems facing livestock farmers in Uganda.

(i)

(ii)

42. a) Why did the Portuguese settle at the coast of East Africa?

(i)

(ii)

b) Name the guide who led Vasco da Gama from Africa to India.

.....

c) Why did the Portuguese rule collapse at the coast of East Africa?

.....

43. a) Name any two founder personalities of the East African community.

(i)

(ii)

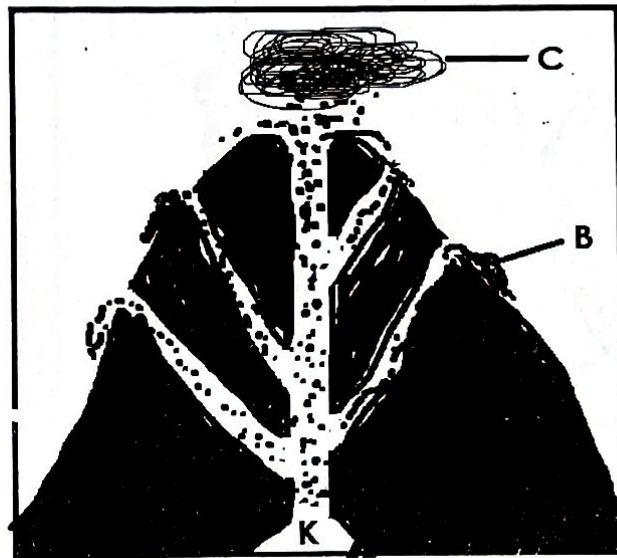
b) Give one reason why the East African community was formed in 1967.

.....

c) How is the East African Development Bank important to **EAC** member states?

.....

44. Study the diagram below and answer questions that follow.



a) Name the parts marked with letters **B** and **K**.

B

K

b) What process is shown in the diagram above?

.....

c) State one mountain in Tanzania that was formed by the above process.

.....

45. a) Why is tourism referred to as an invisible export?

.....

b) Mention any two economic importance of tourism in a country.

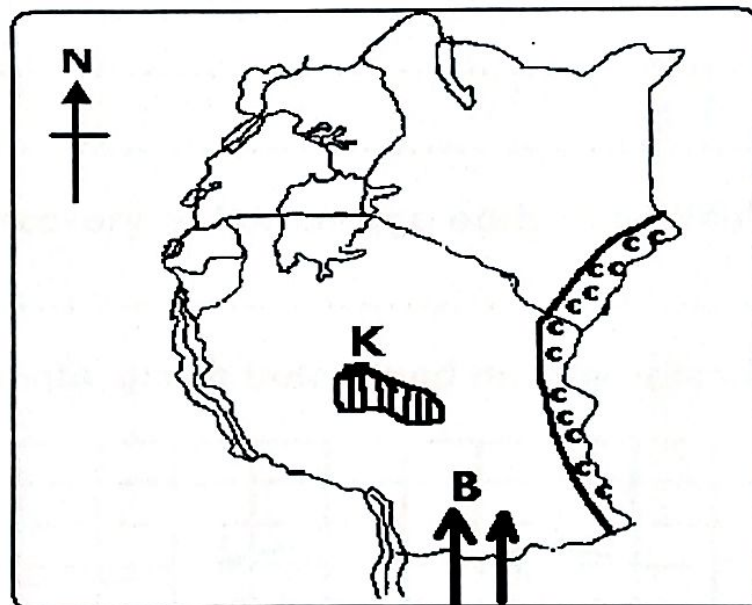
(i)

(ii)

c) Mention any one way of improving tourism industry in East Africa.

.....

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



a) Which Bantu tribe entered East Africa using route B?

.....

b) What name is given to the region marked K.

.....

c) **Draw the equator line on the map above.**

d) Which vegetation Zone covers the region marked with letter cccc?

.....

47. a) What was the role of **LEGCO** apart from making laws?

.....

b) Mention any two regions that were represented in **LEGCO** in 1945.

(i)

(ii)

c) How was **LEGCO** unfair to Ugandans before 1945?

.....

48. a) Why was early man known as stone age man?

.....

b) State any two problems early man faced in Old Stone Age.

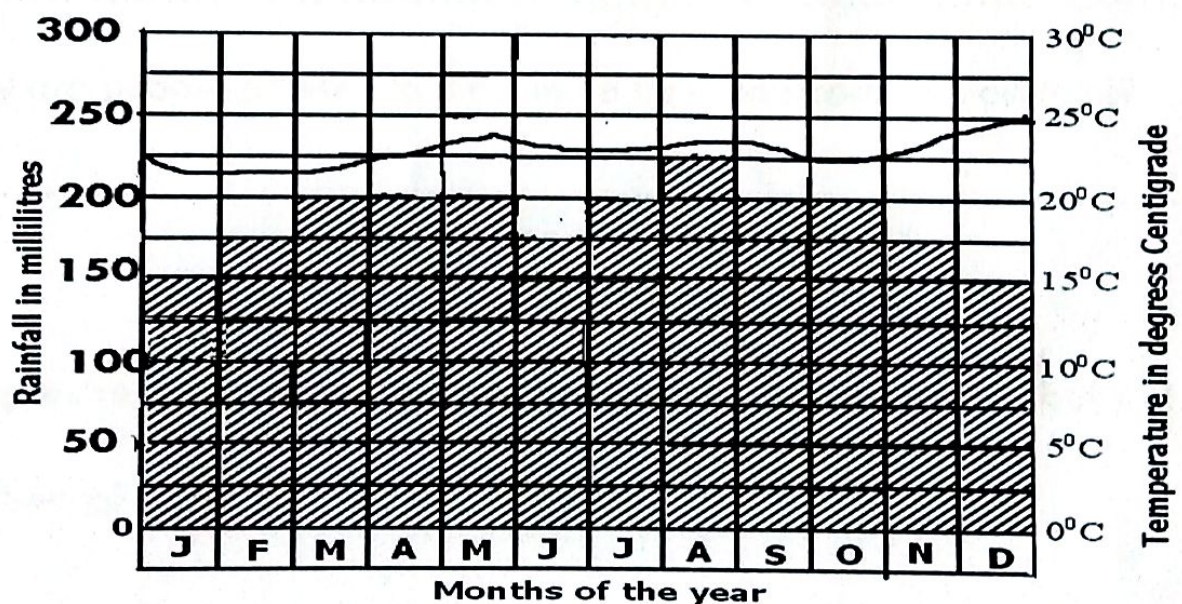
(i)

(ii)

c) How did the discovery of iron change early man's life?

.....

49. Study the climatic graph below and answer questions that follow.



a) How much rainfall was received in June?

.....

b) Find the rainfall range.

.....

c) Name the type of climate represented by the graph above.

.....

d) Name any one economic activity suitable in places with such climate.

.....

50. a) State any one cause of environmental degradation.

.....

b) Write any one danger caused by environmental degradation.

.....

c) State any one characteristic of Tropical rain forests.

.....

d) Why are people advised to plant more trees on slopes of mountains?

.....

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

51. Either: a) State the meaning of faith.

.....

.....

b) How did faith benefit the following people?

(i) Abraham

.....

(ii) Daniel

.....

(iii) Noah

.....

Or: a) State the meaning of faith.

.....

b) How did faith benefit the following people?

(i) Prophet Ibrahim

.....

(ii) Prophet Nuuh

.....

(iii) Prophet Yaqub

.....

52. Either: a) Give two reasons why Christians respect 10 commandments.

(i)

(ii)

b) State two reasons why some Christians break the 10 commandments.

(i)

(ii)

Or: a) Give two reasons why Moslems should respect sharia law.

(i)

(ii)

b) State two reasons why some break Islamic laws.

(i)

(ii)

53. Either: a) What is meant by the term suffering?

.....

.....

b) State any two causes of suffering among Christians.

(i)

(ii)

c) In the bible, who is remembered for his endurance during suffering?

.....

Or: a) What is meant by the term suffering?

.....

b) State any two causes of suffering among Muslims.

(i)

(ii)

c) Name the man remembered for his endurance suffering in Islam.

.....

54. Either: Match the Books with their writers.

Proverbs

John

Exodus

St. Matthew

Matthew

King Solomon

Revelations

Moses

Proverbs

Exodus

Matthew

Revelations

Or: Match Books with Prophets who received them.

Qur'an	Prophet Musa
Injir	Prophet Daudi
Tauret	Prophet Injir
Zabur	Prophet Mohammed.

Qur'an

Injir

Tauret

Zabur

55. For All a) Mention any three similar beliefs in Christianity and Islam.

- (i)
- (ii)
- (iii)

b) Give any one difference of belief between Islam and Christianity.

.....

.....

END



HILLSIDE PRIMARY SCHOOL-NAALYA
PRE-REGISTRATION EXAMINATIONS

2022

ENGLISH LANGUAGE
SET 1

Time Allowed: 2 Hours 15 Minutes

Name.....

Stream.....

Read the following instructions carefully:

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Qn. No.	MARKS	EXRS' NO
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11-20		
21-30		
31-40		
41-50		
51		
52		
53		
54		
55		
TOTAL		

SECTION A: 50 MARKS

Sub-section I

(Questions 1 to 50 carry **one** mark each)

For each of the questions 1 to 5, complete the sentence with the most suitable word.

1. The will examine my red eyes and suggest medication.
2. The hungry goats aloud for the herder's attention last afternoon.
3. Passengers are warned againstfrom moving vehicles.
4. Hardly had we entered thewhen the film began.
5. The bull panicked and broke.....as soon as it saw the approaching butcher.
6. The candidates were told to wait the shade.

In questions 7 to 15, use the word in brackets to complete sentences correctly.

7. The media.....in exposing the victim's identity. (error)
8. This cartoon is than we thought. (fun)
9. He was very about the trouble he had caused.
(apology)
10. The old man walks than the old woman. (quick)
11. I am able to understand Kathy due to her (open)
12. My elder brother was nearly bitten by a..... dog. (rabies)
13. Timothy bathe at midday yesterday. (must)
14. The tailor cut and the long cloths on the nail. (hang)
15. Of the triplets, Kakuru is (shabby)

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

16. brakes, broken, braked, brood

.....

.....

17. dyeing, tying, dying, dyed

.....

.....

In each of questions 18 and 19, rearrange the words to make a meaningful sentence.

18. anyhow safe not is crossing road the.

.....

.....

19. argumentative I and dislike mother people my.

.....

.....

For each of the questions, 20 and 21, write the given abbreviation in full.

20. via

21. ID

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

22. The tourists failed in crossing the fast-flowing river.

.....

.....

23. The butcher's was closed when I passed by.

.....

.....

For questions 24 and 25, rewrite and give the plural form of the underlined.

24. A louse is a tiny insect.

.....

.....

25. The ox helped a lot on the farm.

.....

.....

For questions 26 and 27, use each of the words in a sentence to show that you know their meaning.

26. sealing

.....

.....

27. ceiling

.....

.....

In questions 28 to 30, rewrite the sentences giving a single word for the underlined words.

28. The sound and noises of the donkeys woke up the baby.

.....

.....

29. The patient had a mango, a banana, an apple for supper.

.....

.....

30. The forks, spoons and knives are being washed now.

.....

For questions 31 to 50, rewrite the sentences as instructed in brackets.

31. Neither Anitte nor Abiriga passed the exams.

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

.....
.....

32. The debater is very short. The audience cannot see him.

(Join the sentences usingtoo.....to.....)

.....
.....

33. Children still don't follow traffic rules. They learn about them.

(Rewrite the sentence beginning: In spite.....)

.....
.....

34. No sooner had the phone rung than daddy answered the call.

(Rewrite the sentence beginning: As soon as.....)

.....
.....

35. Tom sang a nice song. (Rewrite the sentence ending;by Tom.)

.....
.....

36. Ntongo prefers playing football to peeling matoke.

(Rewrite the sentence using:would rather.....)

.....
.....

37. The cyclist was careful. The motorcyclist was also careful.

(Rewrite as one sentence using;as well as.....)

.....
.....

38. None of the candidates was late for the examination.

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

.....
.....

39. We started learning English seven years ago. We are still learning English. (Rewrite as one sentence usingfor.....)

.....
.....

40. Who owns that saloon car? (Rewrite the sentence beginning: To.....)

.....
.....

41. We should protect our property ourselves.

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

.....
.....

42. The knife is very blunt. The knife cannot cut a thing.

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

.....
.....

43. Ketra's niece is a cashier at the bank. (Rewrite beginning: A niece.....)

.....
.....

44. I met an ugly tourist. He had a dark skin. He was Rwandan.

(Rewrite as one sentence without using 'who', 'and', that)

.....

.....

45. We waited for a long time. (Rewrite the sentence using:not.....)

.....

.....

46. Express scored two goals. Villa scored two goals.

(Rewrite the sentences beginning: Both.....)

.....

.....

47. The old farmer will plant the seeds if it rains.

(Rewrite the sentence ending;if it rained.)

.....

.....

48. why the teacher asked do you use abusive language

(Rewrite and punctuate the sentence correctly.)

.....

.....

49. I did fitness exercises one after the other. I looked good.

(Rewrite the sentences beginning; The more.....)

.....

.....

50. Mr. Otai wore the red raincoat. He walked out.

(Join the sentences beginning: Having.....)

.....

.....

SECTION B

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

MARIA NYANJARA SPEAKS OUT

An old Mukiga woman with a lined face and wrinkled arm, was sitting on a mat at the end of the compound. Maria determined to be heard, despite the men of the village.

Barefooted, she was dressed in a brown and blue apron tucked in at her waist with a scarf covering her hair. She had placed herself just outside the circle of half a dozen of male elders gathered to greet the visitors from Kabale town.

The guest officials from the Farmers Forum Association and the head of the village, sat on benches. Beyond the inner circle, thirty to fifty men, women and lots of children looked on, sometimes shouting comments. On the four sides of courtyard were mud-walled buildings with rust brown corrugated iron roofs.

Maria, one of the oldest and with one of the largest farms felt that she had a right to speak. "I am now 69 years old. I have three daughters and seven sons," she said. "A year ago, my husband died in a road accident. I single-handedly grow sorghum, cabbages, beans as well as irish potatoes on two farms totaling to about 15 hectares. I also have a poultry farm. I'm happy with the price paid for my irish potatoes but I think I should be given pesticides, boots and protective clothes, "I should also be paid cash for my crops," she complained.

Questions:

(a) What is the name of the old woman?

.....
.....

(b) How many children did she have?

.....
.....

(c) Where was the old woman sitting?

.....

.....

(d) What was the old woman wearing?

.....

.....

(e) Why did she think that she had a right to talk?

.....

.....

(f) Why do you think the old woman is in need of pesticides?

.....

.....

(g) How big were the old woman's farms?

.....

.....

(h) According to the passage, how old was the old woman at the death of her husband?

.....

.....

(i) Give another word or group of words with the same meaning as "gathered" as used in the passage.

.....

.....

(j) How did Nyanjara's husband meet his death?

.....

.....

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

There's a strange man
Waiting at the door
With a familiar sort of face
One that one feels one has seen before
Says his name is Jesus.

Mother, can we offer a couple of coins
Says he's been made idle
And now can't find a job.
Yes, I think he is a foreigner
Egyptian or Jewish.

Oh yea, and now I'm reminded
He'd like some water too.
Well, shall I give him a glass of some
Or send him on his way?
Mother, please, speak.

By Roger Gough

1. To whom was the speaker talking?

.....
.....

2. What was the stranger's name?

.....
.....

3. What nationality could the stranger have been?

.....
.....

4. What had the speaker forgotten?

.....
.....

5. Apart from money, what else did the stranger need?

.....
.....

6. In Stanza 3, what did the speaker want to give the stranger?

.....
.....

7. According to the poem, how many people spoke?

.....
.....

8. Who wrote the poem?

.....
.....

9. Write down the most suitable title for the poem.

.....
.....

10. How many stanzas are in the poem?

.....
.....

53. The advertisement below was pinned on a public noticeboard in Naalya trading centre.
Study it carefully, and in full sentences, answer the questions below.

GREAT FURNITURE WORKSHOP

Carpenters needed

Applications are invited from young Ugandans for the job of carpenters in a large carpentry workshop that deals in: dining sets, sofas, wall units, office desks, shelves etc.

All interested carpenters should be between 20 – 40years old and must have a valid national identity card. They should be capable of working long hours.

They should be ready for interviews on 25th Jan. 2022, 11a.m. – 6:00p.m.

Successful applicants will get an attractive salary.

Applications should be addressed to; The Manager,
Great Furniture Workshop,
P.O. Box 660,
Kampala.

Note; Closing date; 15th January 2022

-MANAGEMENT-

1. What is the notice about?

.....
.....

2. Where was the above information put?

.....
.....

3. What kind of job is being advertised by the factory?

.....
.....

4. To whom should interested carpenters address their letters?

.....
.....

5. What should interested carpenters have?

.....
.....

6. What must interested carpenters be able to do?

.....
.....

7. When will the applicants be interviewed?

.....
.....

8. Who wrote the above advertisement?

.....
.....

9. What will successful applicants receive?

.....
.....

10. Besides dining sets and sofas, what else does the workshop make?

.....
.....

54. Rearrange the sentences to form a story about the busy school Hillside is.

- i. Hillside -Naalya is a busy school.
- ii. We look forward to seeing everybody there.
- iii. It will take place on 18th Sat. and 19th Sunday August.
- iv. It is being prepared by the Music, Dance and Drama teachers.
- v. In term three, touring is the talk.
- vi. However, this year 2022, term two will be the school choir production.
- vii. Music takes place in term one and sports in term two.
- viii. Each activity is done termly.
- ix. It is always involved in various activities.
- x. The activities include music, sports and touring.

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55. Study the letter below carefully and fill each blank space with the most suitable word.

Little Angels Academy,
P.O. 13,
Kireka.

17th January, 2022.

Dear Makula,

How are you over there? How is life in your new school? I hope you are also preparing to elect new prefects this term. By the way, did you apply for any of the

I have this letter to invite you here to act
..... my polling agent on polling
This will be 27th January 2022 in our school greenery
9:00 a.m. to 4:00 p.m.

I also request you to come along with your younger brother, Ssema, to serve as an election monitor.

Please to my letter so I can know if you will be able to offer me that voluntary service.

I look to reading from you as soon as possible.

..... ever,

Okee Peterson.

-END-



HILLSIDE PRIMARY SCHOOL-NAALYA

PRE-REGISTRATION EXAMINATIONS, 2022

SET ONE

INTEGRATED SCIENCE

Time Allowed: 2 Hours 15 Minutes

Candidate's Name.....

Stream.....

Read the following instructions carefully

1. The paper has **two** sections: **A** and **B**.
2. **All** the working for both sections **A** and **B** must be shown in the spaces provided.
3. **All** working must be done using a blue or black ball-point pen or fountain pen. Diagrams must be drawn in pencil.
4. Unnecessary changes of work may lead to loss of marks.
5. 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 question paper.

FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXRS' NO
1-10		
11-20		
21-30		
31-40		
41-43		
44-46		
47-48		
49-51		
52-53		
54-55		
Total		

SECTION A

1. Name the component of air which supports rusting of metals made out of iron.
.....
.....
2. State the importance of gills to a fish.
.....
.....
3. Give one danger caused by serving food using dirty plates.
.....
.....
4. How is the pinna important to a human being?
.....
.....
5. Identify one important item used to prevent the spread of covid-19.
.....
.....
6. On which part of the insect are the legs attached?
.....
.....
7. Name the immunisable disease prevented by DPT vaccine.
.....
.....
8. Give one reason why bats are grouped under mammals.
.....
.....

9. Mention any one factor that affects the rate of transpiration in plants.
.....
.....
10. What kind of force pulls objects towards the center of the earth?
.....
.....
11. Suggest one activity a P.6 pupil can do to promote oral hygiene.
.....
.....
12. Why should farmers keep their bee hives under shade?
.....
.....
13. Give a reason why a leaf floats on water?
.....
.....
14. Which part of a bean seed grows into the root system?
.....
.....
15. Name the part of human skeleton which protects the brain.
.....
.....
16. Which vector is responsible for the spread of both trachoma and diarrhea?
.....
.....

23. Give one example of a rodent.

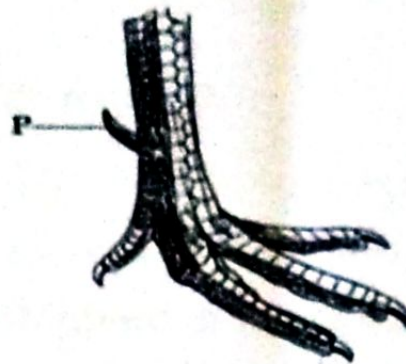
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24. Why do arteries have thick and muscular walls?

.....

.....

The diagram below shows a foot of a bird. Study it carefully and use it to answer questions 25 and 26.



25. Name the part marked P.

.....

.....

26. Identify one example of bird with such foot.

.....

.....

27. Write down any one example of a leguminous plant you know.

.....

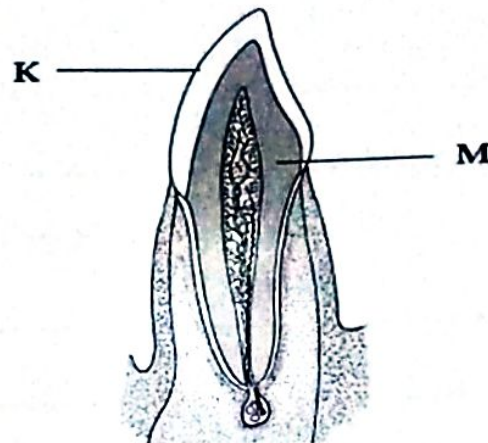
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28. Scavenger birds are bird that feed on the flesh killed by other animals.
How are they important in our environment?

.....

.....

The diagram below shows a tooth. Use it to answer question 17 and 18



17. How important is part **K** on a tooth?

.....

.....

18. How is the above tooth adapted to its function?

.....

.....

19. Of what importance are fangs to poisonous snakes?

.....

.....

20. Give any one way some plants benefit from other plants.

.....

.....

21. Briefly explain the term social insects.

.....

.....

22. Where in lungs does the gaseous exchange take place?

.....

.....

29. Name the mineral salt needed for proper growth and strengthening of bones and teeth.
-
-
30. Why does blood go to the kidneys?
-
-
31. Name any one item found in the first aid box that is used to keep broken bones in position.
-
-
32. State the difference between adhesion and cohesion.
-
-
33. Give one example of stem tuber.
-
34. State one reason why blood is pumped to the lungs before it circulates to other parts of the body.
-
-
35. What name is given to the food made by plants during photosynthesis?
-
36. How are the fingerlike structures in the ileum adapted to their function of absorbing of food?
-
-

37. How does paraffin move up the wick?

.....
.....

38. Give one reason why some flowers are brightly coloured?

.....
.....

39. Name the component of blood that protects us from diseases by engulfing germs.

.....
.....

40. Apart from birds and amphibians, name any other group of vertebrates that reproduces by laying eggs.

.....

SECTION B:

41. a) Define the term "soil profile".

.....
.....

b) Identify the type of soil best suited for:

i). Making ceramics

.....

ii) Crop growing

.....

c) Suggest any one way of improving soil fertility.

.....
.....

42. a) Give one reason for keeping rabbits in Uganda.

.....
.....

b) Mention any two common breeds of rabbits kept in Uganda.

(i).....

(ii).....

c) Why is it easier for farmers to keep rabbits than cattle?

.....
.....

43. Match the following correctly: -

- | | |
|-------------------|---|
| i) Oviduct | the highness or lowness of sound. |
| ii) Amphibians | fertilization takes place in animals. |
| iii) Pitch | live on land and sometimes in water. |
| iv) Fertilization | union of the nuclei of male and female gametes. |

i) Oviduct

ii) Amphibians

iii) Pitch

iv) Fertilization

44. a) Give any two organs of the respiratory system

(i).....

(ii).....

b) State any one disease that affects the respiratory system.

.....
.....

c) Why is the trachea made of rings of cartilage?

.....

.....

45. a) Why is air regarded as matter?

.....

.....

b) By what process does heat travel through each of the following states of matter?

i) Gaseous state

.....

.....

ii) Liquid state

.....

.....

c) What force keeps molecules in solids tightly packed?

.....

.....

46. a) What is castration?

.....

.....

b) Why do farmers castrate their animals? (Give two reasons)

(i).....

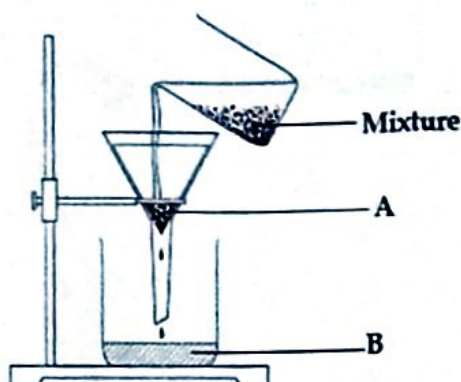
(ii).....

c) Give one disadvantage of castration.

.....

.....

47. The diagram below shows a method of separating mixtures. Study it carefully and use it to answer questions.



- a) Name the substances obtained at: -

i) **A**.....

ii) **B**.....

- b) What would happen to someone if he drunk water collected at **B**?

.....
.....

- c) Give a reason to support your answer in "b" above.

.....
.....

48. a) What is weather?

.....
.....

- b) State any two elements of weather.

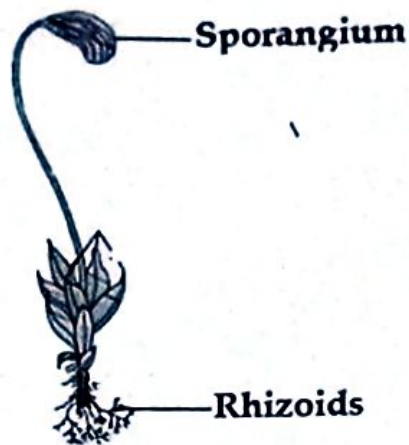
(i).....

(ii).....

- c) Why should farmers have knowledge about weather forecasts in their areas?

.....

49. The diagram below shows a certain living organism. Use it to answer the questions that follow.

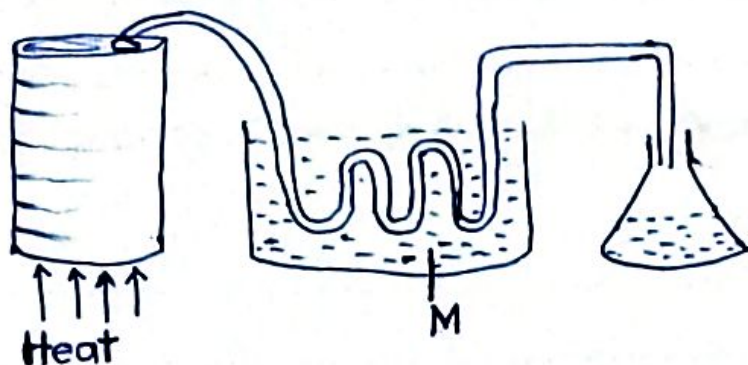


- a) How does the above organism reproduce?
.....
- b) Why is the above organism able to make food?
.....
.....
- c) Mention any one other organism in the same group as the organism above.
.....
- d) In what way is the above organism different from a mushroom?
.....
.....
50. a) What is pollination?
.....
.....
- b) Mention any two agents of pollination.
(i).....
(ii).....

- c) How are some plants able to avoid self-pollination?

.....

51. The diagram below shows one of the methods of making alcohol. Use it to answer the question that follow



- a) Name the process of making alcohol shown above.

.....
.....

- b) What is the role of cold water at point **M**?

.....
.....

- c) Why is alcohol produced using the above method more dangerous to the user?

.....
.....

- d) Give any one effect of alcohol to the family.

.....
.....

52. a) What is first aid?

.....
.....

b) Give any **two** reasons why people give first aid to casualties.

(i).....

(ii).....

c) What first aid can be given to a casualty who has got a fracture?

.....

.....

53. a) State the importance of keeping the following types of birds: -

i) Layers:

.....

.....

ii) Broilers:

.....

.....

b) Write down any one poultry disease.

.....

.....

c) What are poultry vices?

.....

.....

54. A P.6 pupil carried out an experiment in which he added salt to water.

a) What happened to salt after some time?

.....

.....

b) What substance acted as;

i) Solute:

ii) Solvent:

c) How did this pupil separate salt from water?

.....

55. Write down any one example of the following classes of mammals: -

a) Flying mammal:

b) Rodent:

c) Hoofed mammal:

d) Sea mammal:

====END====