



HILLSIDE PRIMARY SCHOOL
PRE-PRIMARY LEAVING EXAMINATIONS
2022
INTEGRATED SCIENCE (SET THREE)
Time Allowed: 2 Hours 15 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 40 questions and Section B has 15 questions
2. Answer **all** questions. All answers to both sections **A** and **B** must be written in the spaces provided.
3. **All** answers must be written 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. Unnecessary changes in 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 paper.

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		

SECTION A: 40 MARKS

1. Name the type of cloud that brings rain.

.....

2. State any one way of controlling the spread of cholera in an area.

.....

.....

3. Write TBAs in full as used in health.

.....

4. Name the component of blood affected by HIV.

.....

5. In which part of a maize grain is food stored?

.....

The diagram below shows a change in state of matter. Use it to answer the questions 6 and 7.



6. What is the state of matter at Z?

.....

7. Name the process by which Z changes back to liquid.

.....

8. Which part of a cow is affected by mastitis disease?

.....

9. Why are we not able to see around corners?

.....
.....

10. How do bacteria reproduce?

.....

11. Give any **one** example of a renewable energy resource.

.....

12. Give a reason why a female anopheles mosquito does not spread HIV/AIDS.

.....
.....

13. By what process does heat travel through gases?

.....

14. State any **one** characteristic of insects.

.....

The diagram below is of a musical instrument. Use it to answer questions **15** and **16**.



15. Name the group of musical instruments to which the instrument above belongs.

.....

16. How does the instrument above produce sound?

.....

17. What is demography?

.....
.....

18. State the method used to find the volume of an irregular object.

.....

19. Give any **one** role of a health club in a community.

.....
.....

20. State any **one** way of preventing diseases in goats.

.....
.....

21. Mention one way the skin cools down the human body temperature on a hot day?

.....
.....

22. State the best way an adolescent girl can avoid getting teenage pregnancy.

.....
.....

23. Give any **one** life skill that children need to develop in order to safe guard themselves against drug dependence.

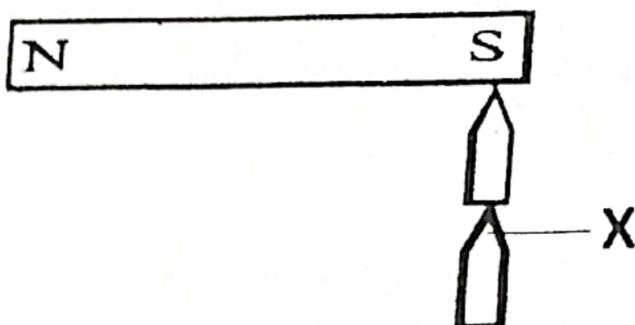
.....
.....

24. State any **one** way in which the spread of tapeworms can be prevented.

.....
.....

The diagram below shows a method of making a temporary magnet.

Study and use it to answer questions 25 and 26.



25. Name the method shown above.

.....

26. What will be the pole at X after magnetization?

.....

27. How is proper personal hygiene important to an individual?

.....
.....

28. Name the type of lens used in a camera.

.....

29. Give any one disease that affects rabbits.

.....

30. Which type of current electricity is produced by the generator?

.....

31. Name the type of chicken kept for egg production.

.....

32. Give any **one** example of a carnivorous animal.

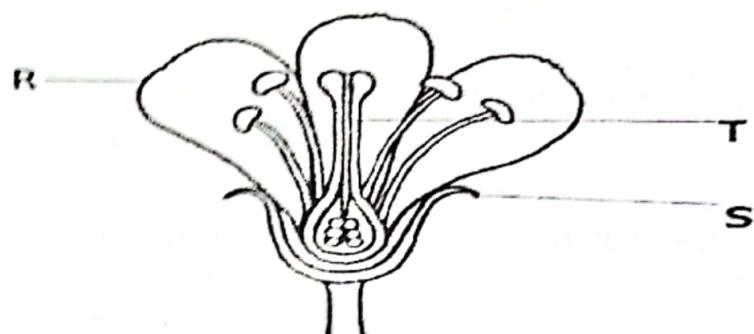
.....

33. How important is a health survey to the community?

.....

.....

The diagram below is of a flower. Use it to answer questions 34 and 35.



34. Name the part labelled **S**.

.....

35. Give the function of the part labelled **R** to a flower.

.....

36. Name any **one** disease of the human respiratory system.

.....

37. Identify any **one** example of essential drugs.

.....

38. How is wind formed?

.....

.....

39. Give any **one** harmful material that can be found in soil apart from metal scraps.

.....
How can the mixture of millet flour and iron filings be separated?

SECTION B

41. (a) What form of energy is stored in a dry cell?

.....

- (b) Name the form of energy produced by a dry cell when it is in use.

.....

- (c) Mention any two appliances which use dry cells at home.

(i)

(ii)

42. (a) State any two functions of the human skeleton.

(i)

(ii)

- (b) Name the part protected by the skull in the human body.

.....

- (c) Give any **one** health habit that helps to strengthen the human skeleton.

.....

43. (a) What is seed dispersal?

.....
.....

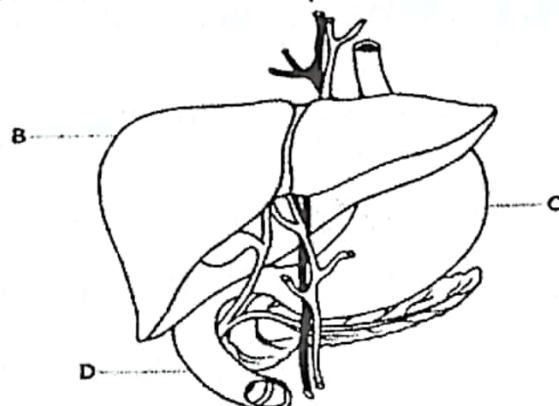
(b) Give any **two** agents of seed dispersal.

- (i)
- (ii)

(c) State any one advantage of seed dispersal.

.....
.....

44. The diagram below shows part of the digestive system. Study it and use it to answer the questions that follow.



(a) Name the part marked B

.....

(b) Name any one enzyme that acts on food in part D

.....
.....

(c) Write down any two diseases that affect the above system.

(i).....

(ii).....

45. (a) State any **two** effects of heat on matter.

(i).....

.....

(b) In which state of matter does heat travel fastest?

.....

.....

(c) What happens to the mass of a piece of paper when it is burnt?

.....

46. State the function of each of the following body organs.

(a) Skin

.....

.....

(b) Heart

.....

.....

(c) Pancreas

.....

.....

(d) Kidney

.....

47. (a) Name the class of levers to which each of the following tools belongs,

(i) a see saw

.....

(ii) a spade

.....

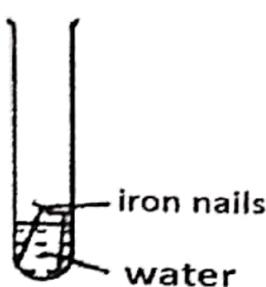
(b) Give any two ways in which friction is reduced in machines.

(i)

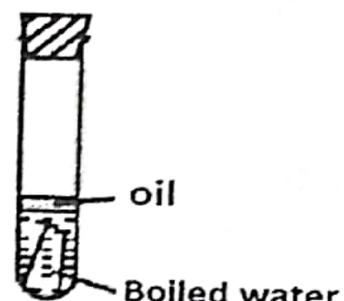
(ii)

48. The diagram below shows an experiment about rusting. Use the diagram to answer the questions that follow.

tube P



tube Q



(e) In which of the tubes will the iron nails rust after some days?

.....

(f) Why is rusting called a chemical change?

.....

.....

(g) Give **one** reason why oil was poured in container Q.

.....
.....

(h) State any one effect of rusting on tools like pangas.

.....

49. (a) Name the type of immunity acquired through;

(i) Breast feeding

.....

(ii) Immunization

.....

(b) Give any **two** examples of vaccines administered to infants.

(i)

(ii)

50. (a) Identify the type of cattle that contributes to the development of;

(i) Milk processing industry

.....

(ii) Meat processing industry

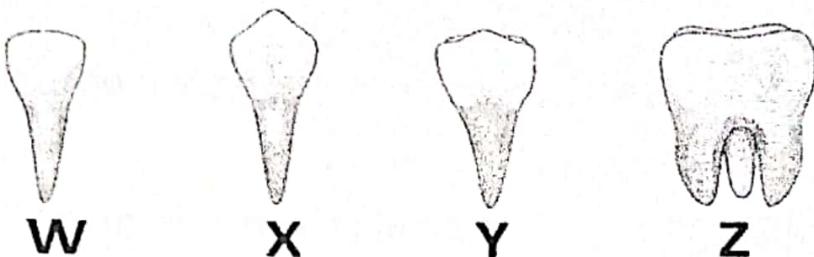
.....

(b) Write down any two diseases that affect cattle.

(i)

(ii)

45. The diagram below shows the types of teeth. Use it to answer the questions that follow.



- (a) Name the type of teeth marked Y.

.....
.....

- (b) State the function of the types of teeth labelled;

W:

X:

- (c) Identify any **one** disease of teeth.

.....
.....

46. (a) Give any **two** examples of seeds which are first planted in a nursery bed.

(i)

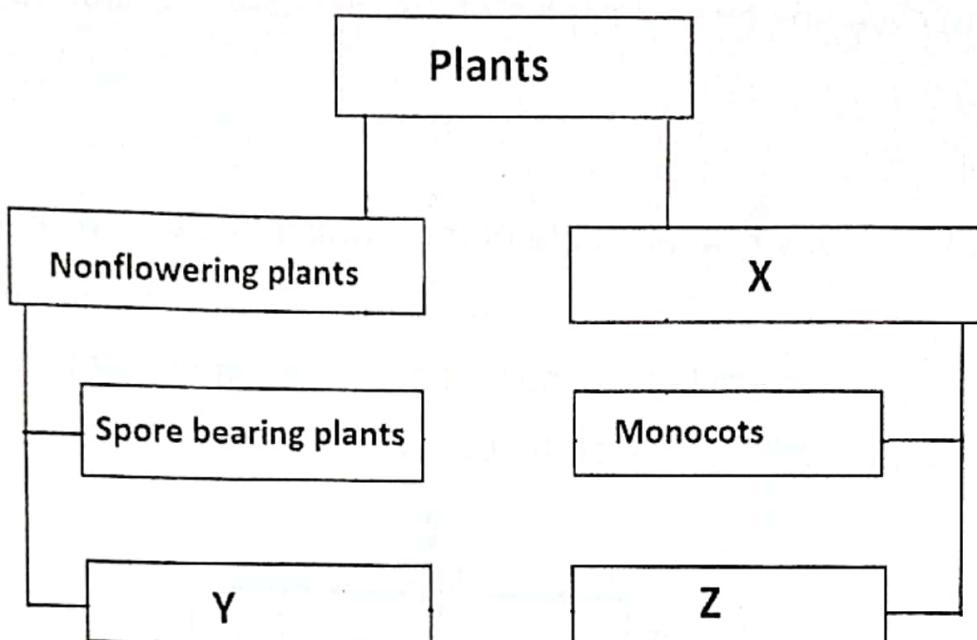
(ii)

- (b) State any **two** ways of caring for seeds in a nursery bed.

(i)

(ii)

53. The table below shows classes of plants. Study and use it to answer the questions that follow.



(a) Name the class of plants represented by X.

-
- (b) Apart from having leaves with parallel venation, state one other characteristic of monocotyledonous plants.
-
-

(c) Give any one example of the plants represented by letters Y and Z;

- (i) Y.....
- (ii) Z.....

54. (a) What do we call the diseases caused by lack of some food values in the body?

.....
.....

(b) Give any two examples of the diseases mentioned above.

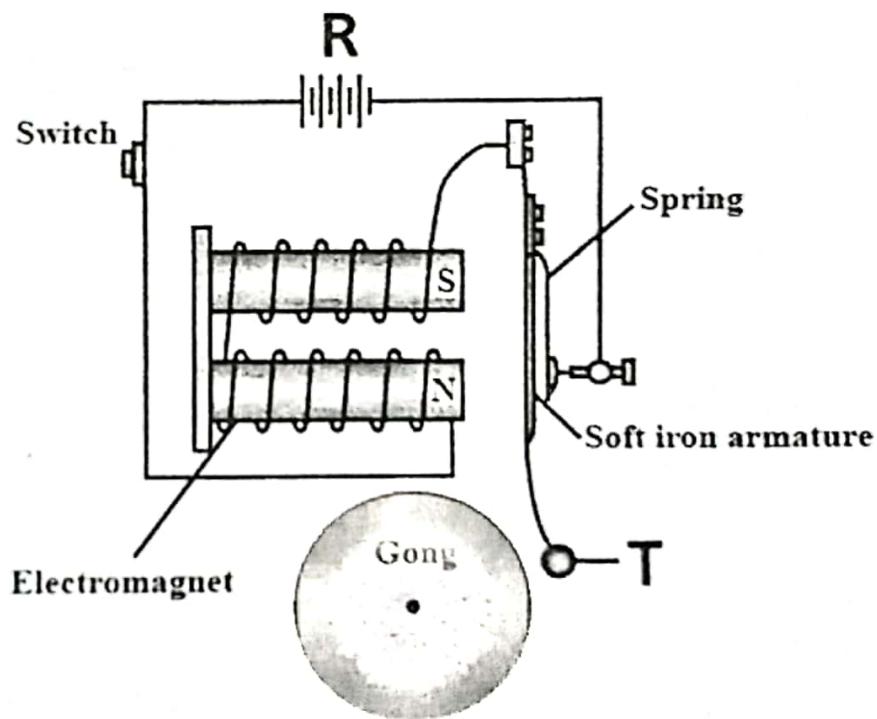
(i)

(ii)

(c) Give any one example of food which gives us proteins.

.....

55. The diagram below shows an electric equipment. Study and use it to answer the questions that follow.



(a) Name the equipment above.

.....
.....

(b) How is the equipment above important in a school?

.....
.....

(c) Name the part marked T

.....
.....

(d) State the function of part R when the equipment is working.

.....
.....

END



HILLSIDE PRIMARY SCHOOL
PRE-PRIMARY LEAVING EXAMINATIONS
2022

ENGLISH (SET THREE)

Time Allowed: 2 Hours 15 Minutes

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FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXRS' NO
1-10		
11-20		
21-30		
31-40		
41-50		
51		
52		
53		
54		
55		
TOTAL		

SECTION A: 50 MARKS

(Questions 1 to 50 carry one mark each)

Sub-section I

1. That lorry was loaded. It could not cross the bridge. (heavy)
2. If Nakate comes today, I her about our debate. (inform)
3. Most bargain before buying items. (customer)
4. I am very sorry, Joan, I did not receive letter in time so I delayed to reply. (you)
5. All people like Diana because she is very (beauty)
6. What an novel I have read! (interest)
7. Even the driver was injured in the motor accident. (bad)
8. I was an during the debate between Primary Six and Primary Seven. (oppose)
9. Mother refused to escort us to the market, so we had to go by (self)
10. A driver should always be intelligent and quick at decisions. (make)

For questions 11 to 15, fill in the gaps with a word or group of words to complete the sentence.

11. The suspect was accused theft and the judge sentenced him to five years in prison.
12. The motion was neither clear interesting.
13. an interesting activity writing is!

14. If all pupils pay attention to their teachers, they will.....
..... very well.

15. Steam ships are asas a snail.

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

16. cyclist, cycle, accident, drive

.....
.....

17. argue, add, accept, abroad

.....
.....

For numbers 18 and 19, use each word given in a sentence to show the difference in meaning.

18. lose

.....
.....

19. loose

.....
.....

In questions 20 and 21, give the plural form of the underlined word or group of words.

20. Before the debate, we listened to the chairperson's speech.

.....
.....

21. The vehicle overturned because the tyre burst.

.....
.....

For numbers 22 to 24, give a single word for the underlined group of words.

22. The people walking on a pavement were nearly knocked by a speeding car.

.....
.....

23. Most opposers did not understand the topic of the debate.

.....
.....

24. The thieves stole my father's car from the place where it had been taken for repair.

.....
.....

For questions 25 and 26, re-arrange words to make a meaningful sentence.

25. wall the against leaning is he.

.....
.....

26. is pencil this short very.

.....
.....

* For number 27 to 29, re-write the sentence giving the opposite form of the underlined word.

27. The motorists turned carelessly at the junction.

.....
.....

28. One of the proposers did not turn up for the debate.

.....
.....

29. Your success in examinations will depend on the type of revision.

.....
.....

Complete correctly.

30. My sister and I are happy people, ?

Sub-Section II

In numbers 31 to 50, re-write the sentences as instructed in brackets.

31. The driver stopped the car. The lights turned red.

(Re-write as one sentence usingas soon as.....)

.....
.....

32. Pupils should not use abusive language in the debate.

(Re-write the sentence usingmust.....)

.....
.....

33. My mother will not pay school fees if she does not get money.

(Re-write the sentence beginning: Unless.....)

.....
.....

34. There is some water in the tank.

(Re-write the sentences using:any.....)

.....
.....

35. Joan said, "I will write to my uncle tomorrow."

(Re-write the sentence beginning: Joan said that.....)

.....
.....

36. The motion was boring but we got many points.

(Re-write the sentence beginning: Despite.....)

.....
.....

37. Michael is a tall boy. He is fat and handsome.

(Join as one sentence without using 'and/who')

.....
.....

38. Muwanga will propose the motion. Nicole will oppose the motion.

(Join as one sentence using.....whereas.....)

.....
.....

52. The sentences below are in a wrong order. Re-arrange them to make a meaningful story about debatina.

39. Kato is a very intelligent boy.
(Re-write the sentence beginning: What

40. Mathematics is a very easy subject. English is a very easy subject.
(Join as one sentence usingboth.....)

41. Mr. Musoke liked teaching French more than Kiswahili.
(Re-write the sentence using:prefer.....)

42. That is the old man. His wife died in a motor accident.
(Join the sentences usingwhose.....)

43. Our driver is a very kind man. He will always wait for us.
(Join the sentences using:such a.....that.....)

44. Uganda is a poor country. Kenya is also a poor country.
(Join the sentences using:as well as.....)

45. Basula did not understand the teacher. Even Mulungi did not understand the teacher. (Re-write the sentence using neither.....)

.....
.....

46. If you pass the examinations, I will take you abroad.
(Re-write the sentence using would.....)

.....
.....

47. Drivers should not speed, should they?
(Re-write the sentence and end shouldn't they?)

.....
.....

48. We wrote the teacher's work and then handed in the books for marking.
(Re-write the sentence beginning: Having.....)

.....
.....

49. David said don't break that cup.
(Re-write and punctuate the sentence correctly)

.....
.....

50. What is the price of an apple?
(Re-write the sentence beginning: How much?)

.....
.....

SECTION B: 50 MARKS
(Questions 51 to 55 carry 10 marks each)

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

Mother drops my sisters and I at school and later picks us every day.

One evening, I was going back home from school with my mother and my two sisters when we saw an accident near Hotel African. A speeding taxi which was heading for Jinja had knocked down a motorcyclist who was joining the main road at the roundabout.

The motorcyclist had his legs broken and the passengers in the taxi sustained serious injuries. The motorcycle was damaged beyond repair and the taxi windscreen was completely smashed. My mother parked the car and within a short time, there was a big crowd. The driver of the taxi had taken off and the conductor ran to Jinja Road Police station to report the matter.

In 10 minutes, traffic police officers had arrived and an ambulance was called. The casualties were taken to the hospital for treatment. The people around tried very much to assist by removing the wreckage from the middle of the road. Later, a breakdown towed the taxi to Kampala Road Police Station.

I really feared because I had never witnessed such an accident. People should try to be very careful when using the road because this accident could have been avoided if the motorcyclist had been more careful.

- 1. What is the passage about?**

.....

.....

- 2. Where was the writer going when he saw an accident?**

.....

.....

3. Where was the taxi going?

.....
.....

4. Who was driving the car in which the writer was travelling?

.....
.....

5. Who reported the accident according to the police?

.....
.....

6. To which police station was the matter reported?

.....
.....

7. How long did the police take to reach the scene?

.....
.....

8. What do you think caused this accident?

.....
.....

9. Who collects money in a taxi?

.....
.....

10. Suggest a suitable title to this passage.

.....
.....

52. The sentences below are in a wrong order. Re-arrange them to make a meaningful story about debating.

- a) They become very happy and make some noise.
- b) When the winners are declared
- c) The secretary reads out the number of points for each side.
- d) The side with the more points is then declared winners by the secretary.
- e) But the better side will always win.
- f) These arguments need very good opposers and proposers.
- g) It is interesting because it is full of fun during hot arguments.
- h) This is one of the most interesting activities in school.
- i) Our school usually organizes debates.

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

KATWE SCHOOL OF THE DEAF,

P.O.BOX 9876,

KASESE

ALL PUPILS WITH TERM 3 SCHOOL FEES BALANCES ARE HEREBY ASKED TO REMIND THEIR PARENTS TO MAKE THE SCHOL FEES PAYMENTS IN ORDER TO AVOID DISRUPTING THE COURSE OF LEARNING.

THOSE WHO FAIL TO DO SO WILL NOT BE ALLOWED INTO CLASS WITH EFFECT FROM 25TH OCTOBER, 2013. THEY WILL ALSO RISK MISSING THE END OF TERM EXAMINATION.

HEAD TEACHER

08/10/2013

Questions

1. What is the notice about?

.....
.....

2. Who wrote the notice above?

.....
.....

3. What is the deadline for pupils who have not cleared school fees?

.....
.....

4. According to the notice, what are the parents asked to do?

.....
.....

5. Who is this information intended for?

.....
.....

6. When was the notice written?

.....
.....

7. What advice do you give to the parents mentioned in the notice?

.....
.....

8. Why should these parents clear their children's school fees in time?

.....
.....

9. What may happen to pupils whose school fees will not be paid?

.....
.....

10. Where do you think this school is situated?

.....
.....

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

What a rainy season it was !

The season of heavy rains.

That destroyed almost everything.

Without sparing people's lives.

What a rainy season it was!

The season of heavy rains.

That hit the ground severely,

And hurt people's crops.

What a rainy season it was!.

The season of heavy rains.

That demolished people's house

As well as livestock, trees and other property

What a rainy season it was!

The season of heavy rains

That caused floods and landslides

Which left us homeless.

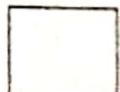
Natalie Geraldine

(a) Which season is talked about in the poem?

.....
.....

(b) What didn't the heavy rains spare?

.....
.....



(c) How did the heavy rains hit the ground?

(d) What did the heavy rains do to people's crops?

(e) What happened to the livestock and trees?

(f) Apart from floods, what did the heavy rains cause?

(g) How was the writer of the poem affected by the heavy rains?

(h) Who is the writer of the poem?

(i) Give one word or group of words with the same meaning as the underlined words in the poem

(i) demolished.....

(ii) homeless.....

55. You accidentally dropped and tore your class teacher's Oxford Dictionary. Your classmates have threatened to report you to the head teacher. Before they do so, write a letter to your class teacher apologizing to him/her and explain what really happened. Use your school address.



HILLSIDE PRIMARY SCHOOL

PRE - PLE EXAMINATION

2022

SOCIAL STUDIES WITH RELIGIOUS EDUCATION (SET THREE)

Time Allowed: 2 Hours 15 Minutes

Index No.

RANDOM NO.	PERSONAL NO.

Candidate's Name.....

Candidate's Signature..... Stream

EMIS No.....

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53- 55		
TOTAL		

1 Turn Over

SECTION A (40 MARKS)

- 1.** Which river attracted most European explorers to Uganda?

.....

- 2.** How is a wall clock important in a classroom?

.....

- 3.** How are the Bakonzo similar to the Chagga in terms of settlement?

.....

- 4.** Why do people in Sebei sub-region rear donkeys?

.....

- 5.** Which country borders Uganda to the north?

.....

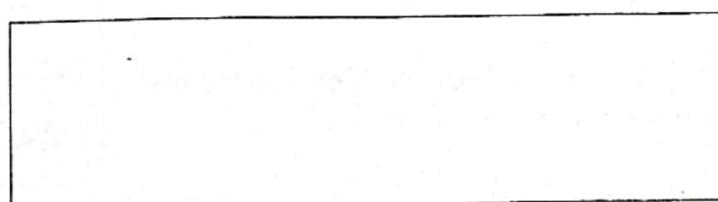
- 6.** Give one reason for the construction of the Uganda railway.

.....

- 7.** Why are areas along the equator hot throughout the year?

.....

- 8.** Draw the map symbol of a railway line in the space below.



9. Give the meaning of partition of Africa.

.....

10. Why do most people in Uganda practice subsistence farming?

.....

11. State one benefit of industries to people.

.....

12. State any one duty of the Chief Administrative Officer in a district.

.....

13. Give one role played by the Uganda Prisons Force.

.....

14. Which type of family has parents and their biological children?

.....

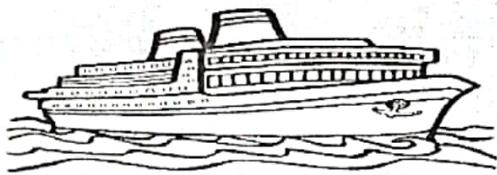
15. State the main value of a zebra crossing on busy roads.

.....

16. Mention one example of a renewable resource.

.....

17. Under which type of transport do we find the means below?



.....

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

.....

19. How will Ugandans benefit from the mining of crude oil in the Albertine region?

.....

20. How is democracy practiced in Uganda?

.....

21. State one characteristic of Mediterranean climate.

.....

22. Give one reason why countries form common markets.

.....

23. Mention any one cause of rural-urban migration.

.....

24. What does the Red colour represent on the Uganda flag?

25. Why did most explorers settle at Zanzibar before entering East Africa?

.....

26. Which tax is charged on imported goods in a country?

.....

27. Why are districts of Uganda divided into sub-counties?

.....

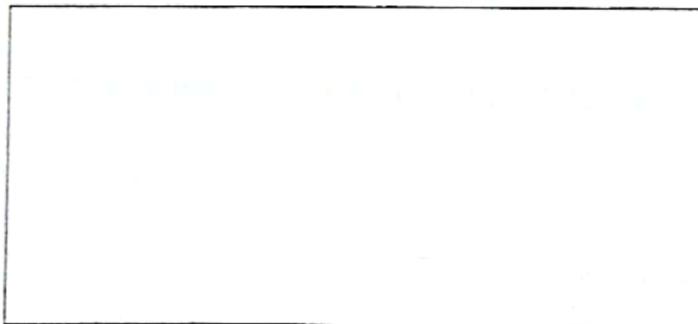
28. Mention any one way of caring for social service centres.

.....

29. Why did the first group of foreigners come to East Africa?

.....

30. Draw the item on the Uganda Coat of Arms that represents culture.



31. Mention any one effect of the earth's revolution.

.....

32. Give any one economic contribution made by Arabs in East Africa.

.....

33. Mention any one factor which leads to high population in highlands.

.....

34. In which one way is wind important to farmers?

.....

35. Give one way people promote security in their homes.

.....

For questions 36 - 40, answer Either Christianity Or Islamic but not Both.

36. Either: Who in the Bible did God ask to sacrifice his son to Him?

.....

Or: Who in the Quran did Allah ask to sacrifice his son to Him?

.....

37. Either: State any one way people use their talents to serve God.

.....

Or: State any one way people use their talents to serve Allah.

.....

38. Either: Mention any one importance of Christian symbols.

.....

Or: Mention any one importance of Islamic symbols.

.....

39. Either: Give one importance of forgiveness among Christians.

.....

Or: Give any one importance of forgiveness among Moslems.

.....

40. Either: Mention any one gospel book in the Bible.

.....

Or: Mention any one holy book in Islam.

.....

SECTION B: (60 MARKS)

41. (a) Which religion did the missionaries introduce in Uganda?

.....

(b) Mention any two contributions of the missionaries in East Africa.

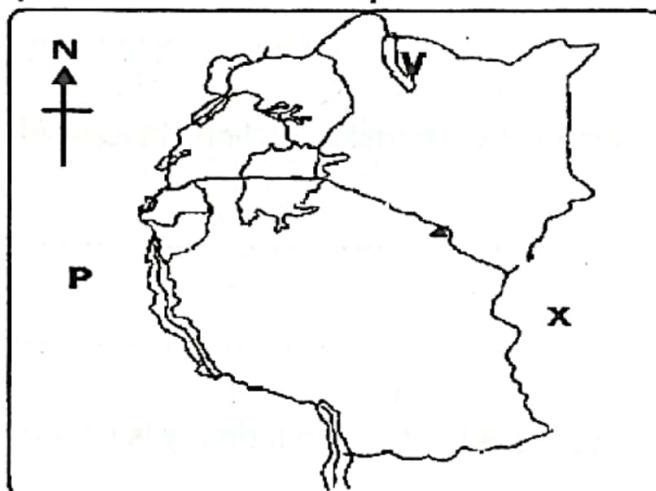
(i)

(ii)

(c) Give any one problem faced by the missionaries in Uganda.

.....

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



(a) Name the member of East African Community marked P.

.....

(b) Use letter M, to locate the swapiest lake on the sketch map.

.....

(c) How was lake marked V formed?

.....

(d) Name one economic activity carried out on water body marked X.

43. (a) Write IBEACO in full.

.....

(b) State any two reasons why IBEACO was formed.

(i)

(ii)

(c) How was IBEACO important to missionaries in East Africa?

.....

44. (a) Mention any two tourist attractions in East Africa.

(i)

(ii)

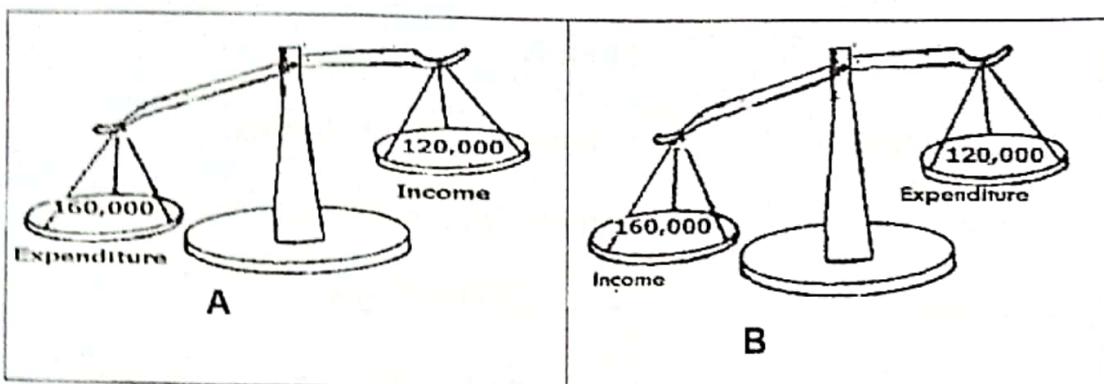
(b) Give any two ways the tourism industry is important to the people of

East Africa

(i)

(ii)

45. Use the diagrams below to answer the questions.



(a) Name the type of budget shown in diagram A.

.....

(b) State any one advantage of the type of budget shown in B.

.....

(c) Mention two reasons why people should prepare a budget.

i)

ii)

46. (a) Why was the 1900 Buganda signed?

.....

(b) Mention any two terms of the 1900 Buganda agreement.

(i)

(ii)

(c) Apart from signing agreements, mention any other way

colonialists acquired colonies in East Africa.

.....

47. Match the elements in list A with their uses in list B correctly.

List A	List B
a) copper	- manufacture of glasses.
b) soda ash	- manufacture cement.
c) limestone	- artificial fertilizers.
d) phosphate	- making bullet shells.

- (a) Copper
- (b) Soda ash
- (c) Limestone
- (d) Phosphate

48. (a) Name any one source of craft materials.

.....

(b) Write any one example of crafts used in a home.

.....

(c) Write any two uses of crafts.

(i)

(ii)

49. (a) What type of climate is experienced in areas along the equator?

.....

b) Why do areas along the equator receive heavy rainfall?

.....

c) Give one factor that influences climate along the equator.

.....

d) Mention any one economic activity carried out in areas that receive rainfall throughout the year.

.....

50. a) Give any one example of planted vegetation besides planted forests

.....

b) State any two characteristics of planted forests.

i)

ii)

c) How does vegetation support the health sector?

.....

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

51. Either: a) What is faith?

.....
.....

(b) Give any two practices that can strengthen faith among Christians.

- (i)
- (ii)

(c) Name one person in the Bible who had strong faith in God.

.....

Or: (a) What is faith?

.....
.....

(b) Give any two practices that promote faith among Muslims.

- (i)
- (ii)

(c) Name one person in the Qur'an who had strong faith in Allah.

.....

52. Either: a) Mention any two types of prayers in Christianity.

- (i)
- (ii)

(b) Give any two importance of prayers to Christians.

(i)

(ii)

Or: a) Mention the two types of prayers in Islam.

(i)

(ii)

(b) Give any two importance of prayers to a Moslem.

(i)

(ii)

53. Either: a) Name the day when the Apostles of Jesus received the Holy Spirit.

.....

(b) Mention any two symbols of the Holy Spirit.

(i)

(ii)

(c) State any one way the Holy Spirit is important to a Christian.

.....

Or: a) Mention any two pillars of faith in Islam.

(i)

(ii)

(b) Which pillar initiates one to Islam?

.....

(c) Why should a good Muslim observe the pillars of Islam?
.....

54. Either: a) Give any two qualities of a good friend.

(i)

(ii)

(b) Mention two ways Jesus acted as a good friend.

(i)

(ii)

Or: (a) Give any two qualities of a good friend.

(i)

(ii)

(b) Write two ways in which Prophet Isa acted as a good friend.

(i)

(ii)

55. Either: a) What bad decisions did the following people make in Jesus' life?

i) Simon Peter

ii) Judas Iscariot

b) State any two benefits of making good decisions.

(i)

(ii)

Or: (a) What bad decisions did the following people make in prophet Isa's ministry?

i) Yunus

.....

ii) Abu Talib

.....

(b) State any two benefits of making good decisions.

i)

ii)

END



HILLSIDE PRIMARY SCHOOL
PRE-PRIMARY LEAVING EXAMINATIONS
2022
MATHEMATICS (SET THREE)

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 (40 Marks)

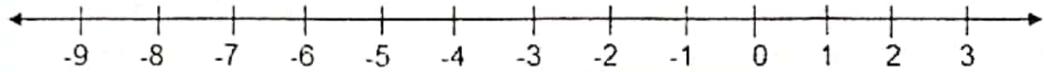
1. Work out: $94 - 45$

2. Write in figures: **Eighty six thousand, ten**

3. Simplify $13x - 2(3x + 4)$

4. Given that set $K = \{h, m, y, z\}$, find the number of subsets in set k

5. Work out: ${}^8 - {}^3$ on the number line below.

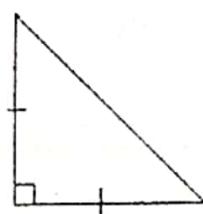


6. Find the sum of the 4th and 9th prime numbers

7. Work out: $\frac{12}{15} \div \frac{3}{5}$

8. A birthday party ended at 1:30p.m after lasting $1\frac{3}{4}$ hours. At what time did the party start?

9. How many lines of folding symmetry in the figure below?



10. A trader sold a pair of shoes at 44,800 making a profit of sh.1,800.
What was the cost price of the pair of shoes?

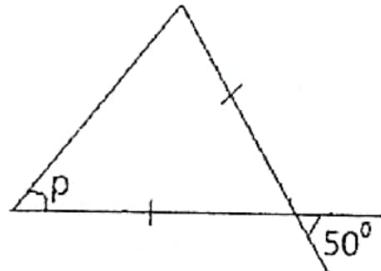
11. In a car park there are 288 cars. The probability that a car picked at random from the park is BMW is $\frac{5}{8}$. How many cars are not BMW type?

12. How many packets of 250 grams can be got from 3.5 kilograms of salt?

13. Given that $a = 2$, $b = 3$ and $c = 4$, find the value of $b(a^2 + c)$

14. Work out: $111_{\text{two}} \times 11_{\text{two}}$

15. Find size of angle p the figure below.

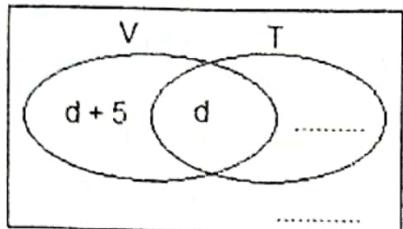


16. Factorise completely: $8ab^2 - 12ab$

17. Find the median of the numbers: 8, 10, 4, 1, 6 and 9.
18. Wise has cows and rabbits in the ratio of 3:5. If he has 24 more rabbits than cows, how many sheep does he have?
19. A can was $\frac{3}{4}$ full of water. When 9 litres were removed, it became $\frac{1}{4}$ full. What is the capacity of the can?
20. Find the square root of 1.21

SECTION B: (60 Marks)

21. In a class, 31 pupils play tennis (T) and $(d + 5)$ play volleyball (V) only. d pupils play both games while 3 play neither of the games.
- a) Use the above information to complete the Venn diagram below.
(2marks)



- b) If 23 pupils play volleyball altogether, find the value of d .
(3marks)

22. a) What number has been expanded below? (3marks)
$$(7 \times 10^2) + (2 \times 10^{-1}) + (5 \times 10^0) + (3 \times 10^{-2})$$

- b) Work out $(9.7 \times 64) - (9.7 \times 14)$ (2marks)

23. The table below shows the rate at which different currencies were sold and bought in a commercial bank. Use it to answer the questions that follow.

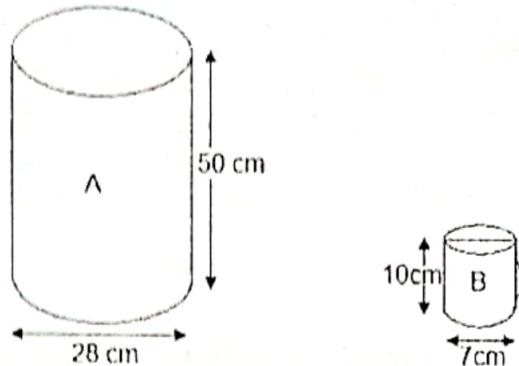
Currency	Buying in Ug. Sh.	Selling in Ug. Sh.
1 US dollar (\$)	3,600	3,650
1 Euro	4,100	4,250
1 Rwandese franc	4.0	5.0

a) How many Euros can Paul get for Ug.Sh.1,020,000?

(2marks)

b) Alex came from Rwanda with 365,000 Rwanda Francs and exchange them for US dollar. How many US dollars did she get from the bank?
(3marks)

24. Betty filled container A below with drinking water, she served visitors with the water using cups of size B shown in the diagram. Find the total number of full cups of water she served the visitors (use $\pi = \frac{22}{7}$) (6marks)



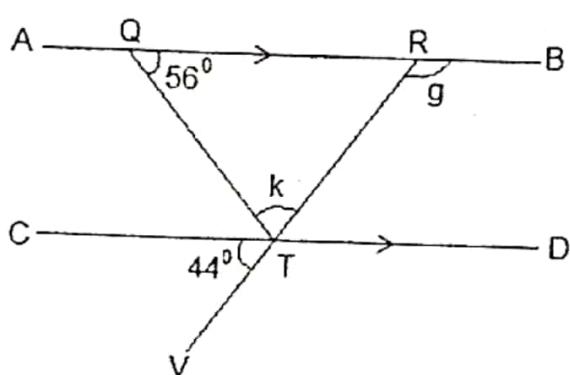
25. A fruit seller sold the following number of mangoes in six day: **60, 35, 40, 28, 42** and **35**.

a) What is the modal number of mangoes sold? (1mark)

b) Work out the mean number of mangoes sold. (2marks)

- c) By the end of the seventh day, the mean number of mangoes sold was **45**. How many mangoes were sold on the seventh day? (2marks)

26. In the figure below line AB is parallel to CD, angle CTV = 44° and angle TQR = 56° . **Study and use it to answer the questions that follow.**



Find the size of;

- a) angle k (2marks)

- b) angle g. (2marks)

27. The table below shows how a motor cyclist travelled from town A through towns B and C to town D. Study and use it to answer the question below.

Town	Arrival	Departure
A		7:30 a.m
B	8:50 a.m	9:00 a.m
C	10:30 a.m	10:45a.m
D	1:00 p.m	

- a) How long motor cyclist stay at town C? (1mark)
- b) Find time the motor cyclist took to travel from town A to town D (2marks)
- c) If the distance from town A to town D is 264km, calculate the average speed of the motor cyclist for the whole journey. (2marks)

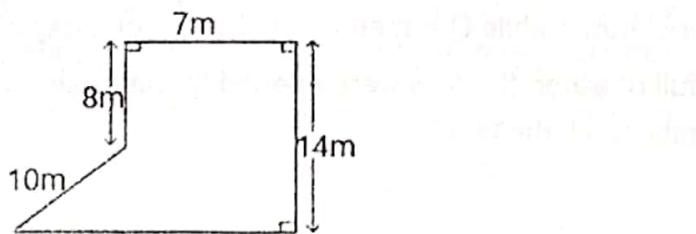
28. After selling a radio at sh.72,000, a trader made a loss of 10%

a) Find the cost price of the radio. (3marks)

b) At what price must the trader sell the radio in order to make a profit of $12\frac{1}{2}\%$?

(3marks)

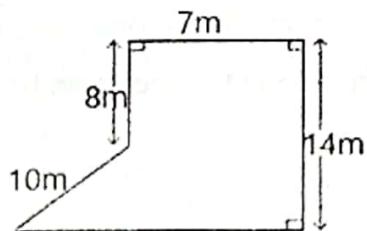
29. Study the figure below and use it to answer the questions that follow.



- a) Calculate the area of the figure. (3marks)

- b) Work out of the perimeter of the figure. (3marks)

29. Study the figure below and use it to answer the questions that follow.



a) Calculate the area of the figure. (3marks)

b) Work out of the perimeter of the figure. (3marks)

30. Two taps P and Q are connected to water tank. Tap P can fill the tank in 3 hours while Q can empty in 4hours, one day when the tank was $\frac{1}{6}$ full of water, the taps were opened at the same time. How long did it take to fill the tank? (4marks)

31. A rubber costs a third as much as a book. A book costs sh.1200 more than a pen. If the total cost of the three items is shs.7, 900, find the cost of the pen.

(4marks)

32. Town P is 55km East of town G and town A is 70km from town G on a bearing of 225°
- Using scale of 1cm represent 10km draw an accurate diagram to show the three towns. (3marks)
 - Find the bearing of town S from town G. (3marks)

ANSWER

AB