HILLSIDE PRIMARY SCHOOL

PRE - REGISTRATION EXAMINATIONS

2024

SOCIAL STUDIES WITH RELIGIOUS EDUCATION (SET TWO)

Time Allowed: 2 Hours 15 Minutes

Index No.

EMIS NUMBER						PERSONAL NO.		

Candidate's Name.....

Stream.....

District.....

Read the following instructions carefully

1. The paper has **two** sections: **A** and **B**.
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.
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 boxesindicated: **"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		

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SECTION A (40 MARKS)

1. Which river forms a common boundary between Uganda and DRC?

.....

2. Mention any one economic importance of water falls.

.....

3. Which ministry is in charge of all roads in Uganda?

.....

4. Name the element of a map sketch maps mainly lack.

.....

5. What do we call the growing of crops mainly for home consumption?

.....

6. Mention one social importance of cows.

.....

7. Which governor of Uganda started Makerere college?

.....

8. What title is given to the head of judiciary arm in Uganda?

.....

9. Which type of natural vegetation supports Merino sheep rearing?

.....

10. Why should every home have a granary?

.....

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11. Identify the source of River Nzoia.

.....

12. Give any one way common markets promote trade.

.....

13. Name any one material used to make the instrument below.

.....

14. Which political led Uganda to independence?

.....

15. State any one economic reason why Europeans scrambled for East Africa.

.....

16. At what time of the day does a see breeze take place?

.....

17. In which way is overcrowding avoided on a map?

.....

18. What role was played by political parties in the struggle for Uganda's independence?

.....

19. What colour is used on physical maps to show water bodies?

.....

20. What can East African countries do to fully exploit their resources?

.....

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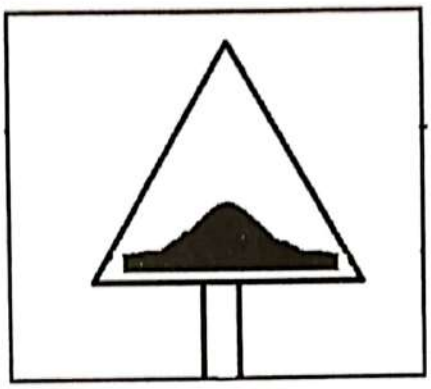
21. How does a dense population promote industrial growth in a country?

.....

22. Why did colonialists introduce cash crop growing in their colonies?

.....

23. How is the road sign below important to road users in your community?



.....

24. Which relief feature is located in Kenya and Tanzania but not in Uganda?

.....

25. Write one skill that was taught in missionary schools.

.....

26. Give one way a school benefits the nearby maize mill.

.....

27. Compare the formation of Mt.Rwenzori with that of Usambara ranges.

.....

28. How is the work of game rangers different from that of game wardens?

.....

29. Give one reason why Lake Kyoga is shallow?

.....

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30. Give any one example of a non-renewable resource.

.....

31. Which school symbol directs visitors to the school?

.....

32. How is a camel adapted to desert conditions?

.....

33. Mention any one symbol of the East African community.

.....

34. What are contours?

.....

35. Name the water vessel which Henry Morton Stanley used to circumnavigate Lake Victoria.

.....

For questions 36- 40, answer Either Christianity or Islam but not both.

36. **Either**: State the difference between a prophet and an angel.

.....

OR: State the difference between Iman and imam.

.....

37. **Either**: Give the meaning of the term "Akeldama"

.....

OR: Give the meaning of the term "Hadiths"

.....

38. **Either**: State one cause of suffering among Christians today.

.....

OR: State one cause of suffering among Muslims today.

.....

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39. Either: Why should every faithful Christian pay tithe?

.....

OR: Why should every faithful Muslim pay Zakat?

.....

40. Either: Who is a prophet according to Christianity?

.....

OR: Who were "Caliphs" according to Islam?

.....

SECTION B (60 MARKS)

41. (a) Define the term decentralization.

.....

(b) Write any two ways of implementing decentralization.

(i) .....

(ii).....

(c) What are by-laws?

.....

42. a) Give any two founder members of the EAC.

(ii).....

(ii).....

b) Mention one department of the EAC that remained operational after its collapse

.....

c) What was the final cause of the collapse of the EAC?

.....

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43. (a) What is pastoralism?

.....

(b) Name any one pastoral tribe found in North Eastern Uganda.

.....

(c) State two ways of controlling cattle rustling among pastoral tribes.

(i) .....

(ii) .....

44. (a) Apart from Television, give any one example of mass media.

.....

(b) Give two ways mass media promotes development in a country.

(i).....

(ii) .....

(c) Why are televisions not commonly used in rural areas?

.....

45 (a) Give any two tourist attractions found at the coast of East Africa.

(i) .....

(ii) .....

(b) Why is tourism referred to as an invisible export?

.....

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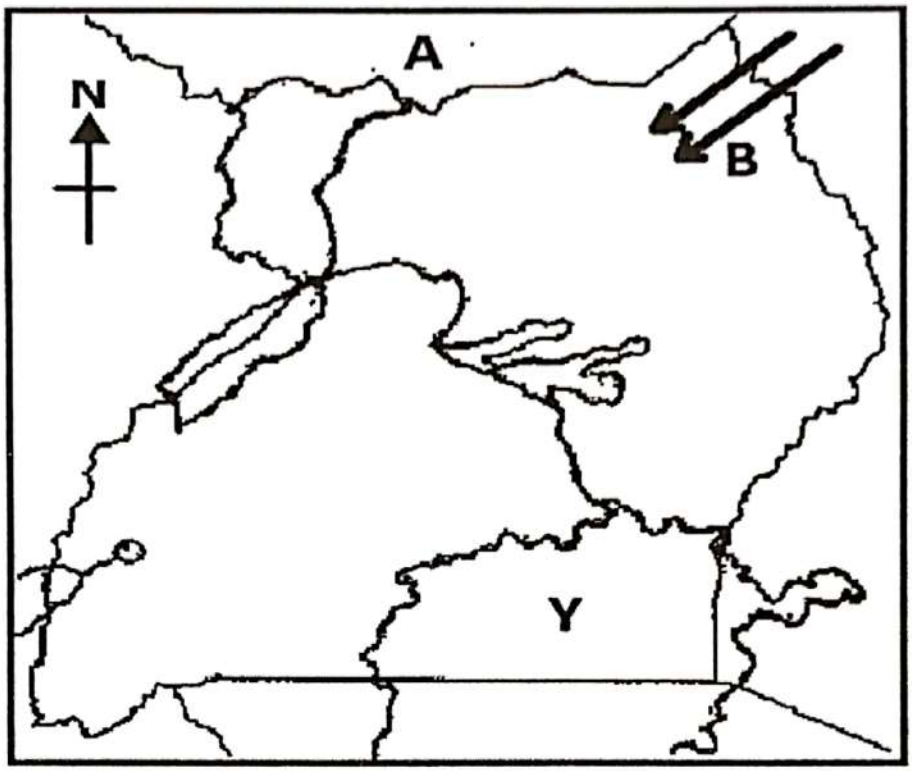
c) How does tourism support the growth of craft industries?

.....

46 Use the sketch map of below and answer questions that follow.



(a) Use a pencil and shade the West Nile sub-region on the above sketch map.

(b) Name the country labeled with letter **A** on the sketch map above.

.....

(c) Mention the largest inland port located onlake marked **Y.**

.....

(d) What is the origin of the ethnic group that came to Uganda through route **B?**

.....

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47 (a) Name any one tax that was introduced by the 1900 Buganda agreement.

.....

(b) State any two effects of the 1900 Buganda agreement on governance.

(i) .....

(ii) .....

(c) Name the king of Buganda who revolted against the British.

.....

48. (a) State any one process through which mountains in Africa were formed.

.....

(b) Write any two factors that support crop growing on slopes of mountains.

(i) .....

(ii) .....

c) State any one challenge facing crop growing on slopes of mountains.

.....

49. (a) Name any one society that funded Protestant missionaries in East Africa.

.....

(b) Name any two students of Alexander Mackay that were killed from Busega in 1985.

(i) .....

(ii) .....

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c) How did Protestant missionaries benefit IBEACO?

.....

50. **Complete the table by filling in the missing lines**

Raw material	**Product**
.....	Insecticides
.....	Cigarettes
Sugarcane	.....
Oil palm trees	.....

For questions 51- 54, answer Either Christianity Or Islam but not both.

51. **Either**: (a) What term is used to mean the appearance of God in three divine persons?

.....

(b) Name the three divine persons in which God exists.

(i) .....

(ii).....

(iii) .. ..

OR: (a) What term is used to mean the successors of Prophet Muhammad?

.....

(b) Name any three successors of Prophet Muhammad.

(i) .....

(ii) .....

(iii) .....

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52. **Either**: a) Apart from the Bible, mention one religious symbol in Christianity.

.....

(b) Give any two importance of a Bible to Christians.

(i) .....

(ii) .....

(c) Mention any one way of showing respect to a Bible.

.....

OR: a) Apart from the Qur'an, mention one religious symbol in Islam.

.....

(b) Give any two importance of a Qur'an to Muslims.

(i) .....

(ii).....

(c) Mention any one way of showing respect to the Qur'an.

.....

53. **Either**: (a) Mention any one type of prayer in Christianity.

.....

(b) Give two reasons why Christians pray to God.

(i) .....

(ii) .....

(c) Why did Jesus teach His disciples how to pray?

.....

OR: (a) Mention any one type of prayer in Islam.

.....

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(b) Give two reasons why Muslims pray to Allah.

(i) .....

(ii).....

(c) Why should every Muslim observe the daily five prayers?

.....

54. **Either**: (a) Name the place where sinners will go after death.

.....

(b) Mention any one bad condition found in the place you have named in (a) above.

.....

(c) Give any two things a Christian can do in order to avoid going to the place you have named in (a) above?

(i).....

(ii).....

OR: (a) Name the place where sinners will go after death.

.....

(b) Mention any one bad condition found in the place you have named in (a) above.

.....

(c) Give any two things a Muslim do in order to avoid going to the place you have named in (a) above?

(i).....

(ii).....

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55. **FOR ALL CANDIDATES**

(a) Write any two examples of religious beliefs common among Muslims and Christians

(i) .....

(ii) . .....

(b) State any two ways in which Christian practices are different from Islamic practices

(i). .....

(ii).....

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HILLSIDE PRIMARY SCHOOL

PRE REGISTRATION EXAMINATIONS

2024

INTEGRATED SCIENCE (SET TWO)

Time Allowed: 2 Hours 15 Minutes

Name.....

Date .....

Stream.....

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.
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47- 49		
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53- 55		
TOTAL		

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SECTION A (40 Marks)

1. Define the term matter.

   .....

   .....

2. Name the gas that is used by plants to make their own food.

   .....

3. What causes COVID-19 ?

   .....

4. Identify any one state of matter through which heat travels by coduction.

   .....

5. Why is it important to give first aid to a casualty?

   .....

   .....

6. Why should a living house have proper ventilation system.

   .....

   .....

7. Give any one example of fruit crops.

   .....

   .....

8. State any one cause of dehydration in babies.

   .....

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9. Identify any one method of milking cattle.

.....

.....

10. State any one effect of heat on matter.

.....

.....

11. Write down any one example of a disease which can be prevented by drinking clean boiled water.

.....

12. What does th word "syndrome" mean in the word AIDS?

.....

.....

13. Name any one form of energy obtained from the sun?

.....

.....

14. State any one vaccine given to infants at birth.

.....

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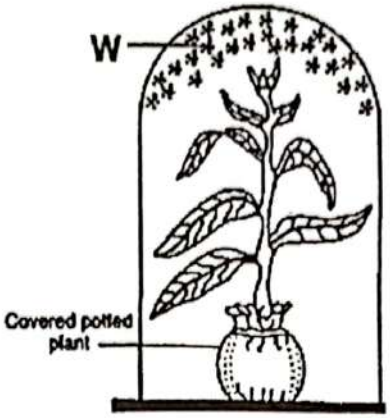
Study the diagram below carefully and use it to answer the questions that follow.



15. Identify the process in plants represented by the diagram above.

.....

16. Name the parts marked with letter W

.....

17. Name the gas that is used in fire extinguishers to put out fire.

.....

18. How can we protect ourselves against tape infestation?

.....

.....

19. Why are we always encouraged to always feed on a balance?

.....

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20. Mention any one eating habbit that can lead to contipation.

.....

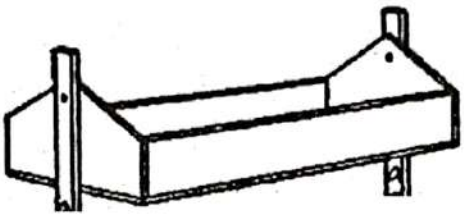
21. Suggest any one danger of eating unwashed fruits

.....

22. Identify the class of food obtained from beans, fish and milk.

.....

The diagram below shows an item found in a poultry house. Use it to answer questions 23 and 24.



23. Name the farm item shown above.

.....

24. How is the item shown above important in a poultry house?

.....

.....

25. State the importance of skull to a human being.

.....

.....

26. Name the digestive enzyme produced in the human stomach.

.....

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27. Give any one reason why we should always follow the doctor's advice when taking drugs.

.....

.....

28. Name any one product got from milk.

.....

29. Point out any one sign or symptom of malaria in babies.

.....

.....

30. How important is a blubber to sea mammals?

.....

.....

31. Mention any one cause of soil erosion.

.....

.....

32. By what process does heat from the sun reach the earth?

.....

.....

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33. State the function of the blood cell shown below.

.....

.....

34. How are the air sacs important in the lungs?

.....

.....

35. How is the aorta important in the body?

.....

.....

36. Name the part of a mushroom which produces and stores spores.

.....

37. Why are we advised to always wash hands after visiting a toilet or latrine?

.....

.....

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38. What is adolescence?

.....

.....

39. State any one characteristic of insect pollinated flowers?

.....

.....

40. Name the part of the eat that changes sound vibrations into nerves impulses.

.....

.....

SECTION B (60 Marks)

41. a) What is meant by the "temperature"

.....

.....

b) Name the instrument used to measure human temperature.

.....

.....

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c) Give any two thermometric liquids used in six's thermometer

(i).....

(ii).....

42 (a)State any two functions of a leaf to a plant.

(i).....

(ii).....

(b)Identify any one raw material used by plants to make food.

.....

(c)How do animals benefit from the process of photosynthesis?

.....

.....

43. a) State any two characteristics of insects.

(i).....

(ii).....

(b) Which part of an insect helps to balance in air during flight?

.....

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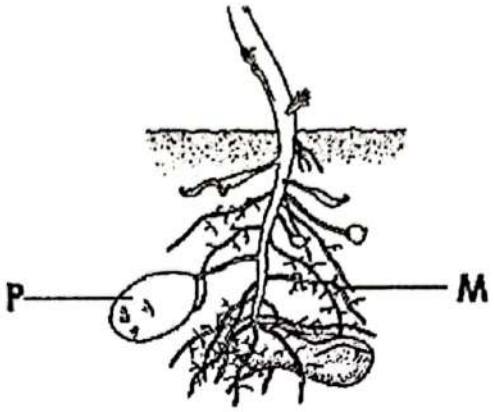
(c) How are houseflies important in a pit latrine?

.....

.....

44. The diagram below shows a stem tuber. Use it to answer the questions that follow.



(a)Name the part marked **P**

.....

(b) Give the importance of the part marked with letter M

.....

.....

(c)Name the food value obtained from the tuber.

.....

(d) Name one other plant that belong to the same group that the above

.....

45. (a) What do we call the manufactured food for rabbits?

.....

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b) Give three examples of exotic breeds of rabbits.

(i).....

(ii).....

(iii).....

46. (a)What are vertebrates?

.....

.....

(b)Give two groups of vertebrates which are warm blooded.

(i).....

(ii).....

(c)Why are reptiles grouped under cold blooded vertebrates?

.....

.....

47. a) Give any two ways of controlling crop pests.

(i).....

(ii).....

(b) Why is a panga called a gargen tool.

.....

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(c) Give one way of caring for garden tools

.....

48. a) Suggest any two importance of wind in the environment.

(i).....

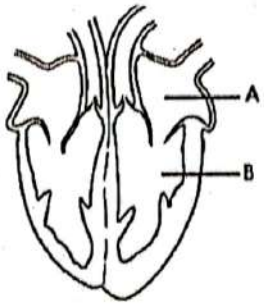
(ii).....

b) Give any two ways wind can be dangerous in the environment.

(i).....

(ii).....

49. The diagram below shows the human heart . Use it to answer the questions below



a) Name the parts

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

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

b) Mention any one disease that affects the above organ.

.....

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c) How can we care for the above organ?

.....

.....

50. (a)Give any one example of weeds.

.....

(b)Give one disadvantage of weeds in the garden

.....

.....

(c)Point out any two ways of controlling weeds in the garden

(i).....

(ii).....

51. a)Name any one drug found in tobacco.

.....

(b)Give two reasons why people smoke.

(i).....

(ii).....

(c)How is tobacco growing important in a community?

.....

.....

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52. a) Give two importance of mulching to a farmer.

(i).....

(ii).....

(b) State any one mulching material.

.....

.....

(c)Give any one disadvantage of mulching to a farmer.

.....

.....

53. a) Mention any two activities carried out to promote immunisation

(i).....

(ii).....

b) Write in full the following as using blood circulation.

WBC.....

RBC.....

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54. Use the diagram below to answer the questions that follow.

(a) Name the practice shown above.

.....

(b) Why do farmers carry out the above practice on a farm?

(i).....

(ii).....

(c) Outline any one disease that affects poultry on a farm.

.....

55. (a)Give any two reasons why people eat food.

(i).....

(ii).....

(b) Write the first 2Fs as used in 4Fs.

(ii).....

(ii).....

Good Luck.

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HILLSIDE PRIMARY SCHOOL

PRE–REGISTRATION EXAMINATIONS

2024

ENGLISH (SET TWO)

Time Allowed: 2 Hours 15 Minutes

Name.....

Stream.....

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53		
54		
55		
TOTAL		

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SECTION A: 50 MARKS

Sub-section I

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

*For questions **1** to **5**, use the correct form of the words in brackets to complete the sentences.*

1. Mrs. Mbidde always pays attention to children's ..... (explain)
2. Muganga's.....caused him the punishment. (stubborn)
3. My sister .....in the shade and slept. (lie)
4. The.....of my bed is only six feet. (broad)
5. The black Mamba is Africa's ..... snake. (poison)

*For each of questions **6** to **15**, use a correct word or a group of words to complete each sentence correctly.*

6. Kaganzi plays football better.....his brother.
7. All the girls in P.7, except Namatovu, ... smart.
8. This is Sarah's doll. The doll, therefore, ...to Sarah.
9. You will not pass this examination .....you are very careful.
10. The boy .....coat got torn is my elder brother.
11. Good is to bad as better is to .....
12. The responsibility of looking after the orphans was left to their ..... uncle.
13. Please, show me ..... you stay these days.
14. Either my aunt .....my father will collect me from school today.
15. Motorists ought.....drink drive.

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*In each of the questions **16** and **17**, construct sentences in your own words using the given words below.*

16. low

.....

.....

17. law

.....

.....

*In questions **19** and **20**, re-arrange the following words to make a correct sentence.*

18. my received Nairobi brother letter a from

.....

.....

19. was hill climb to able the he?

.....

.....

*For questions **20** and **21**, arrange the following words alphabetically.*

20. faint, failure, faith, fail

.....

.....

21. where, were, when, whose

.....

.....

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*For the questions **22** to **24**, rewrite giving the plural form of the underlined words.*

22. Our neighbor owns <u>cattle</u>.

.....

.....

23. <u>A goose</u> is a bird.

.....

.....

24. Ali ate <u>chicken</u> for breakfast.

.....

.....

*For questions **25** and **26**, give the opposite of the underlined words.*

25. We were <u>encouraged</u> to do the work.

.....

.....

26. The snake you see over there is <u>dead.</u>

.....

.....

*For questions **27** and **28**, write the following abbreviations in full.*

27. Vet .....

28. dep. .....

*For questions **29** and **30**, complete the sentences sensibly correctly.*

29. A stitch in time.....

30. He is a good boy these days, ...?

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Sub-section II

*For each of the questions **31** to **50**, rewrite as instructed in brackets.*

31. If our parents have enough money, they will send us to good schools.
(Rewrite the sentence using .....would have.....)

.....

.....

32. Susan didn't pass the examinations. Jasper didn't pass the examinations.
(Join the sentences beginning: .....and neither .....)

.....

.....

33. A rat lives with people. A cat lives with people.
(Join the sentences beginning: Both.....)

.....

.....

34. Tom can eat fish or beans. (Rewrite using .....either.....)

.....

.....

35. The first number is so difficult that I can't solve it.
(Write as two separate sentences.)

.....

.....

36. Although John came to school early, she didn't do the morning work.
(Rewrite the sentences using .....but.....)

.....

.....

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37. My mother is not as tall as my father. (Rewrite using .....taller.....)

.....

.....

38 Hardly had the rain stopped when all children ran out to play.
(Re-write the sentence beginning: No sooner.....)

.....

.....

39. This is a very cold morning. (Rewrite beginning: What.....)

.....

.....

40. Bob could not sweep the classroom. Sharon could not sweep the classroom. (Join the sentences using .....and.....)

.....

.....

41. The English paper is made of two sections.
(Rewrite the sentences using .....consists.....)

.....

.....

42. The President of Ghana reached Uganda first.
(Rewrite the sentence using .....arrived.....)

.....

.....

43. Bwanika is hardworking. Museveni is also hardworking.
(Join using .....and so.....)

.....

.....

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44. The cow is brown. It is also big. It is crossing the road.

(Join as one sentence without using 'which', 'who' or 'and')

.....

.....

45. Mariam has been there since 2pm. It is now 4pm.

(Rewrite the sentence using .....for.....)

.....

.....

46. I am speaking to you, _____?

(Re-write and complete the sentence with a correct question tag.)

.....

.....

47. Not many people attended the meeting. (Change to affirmative)

.....

.....

48. He liked playing football more than singing.

(Rewrite using .....preferred.....)

.....

.....

49. I did not go to London because I did not have enough money.

(Write two separate sentences)

.....

.....

50. We are sweeping our classroom. (Rewrite ending .....us.)

.....

.....

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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.

There are more species of insects than all animals added altogether. The study of insects is called entomology. It is extremely important that we learn about insects since some of them do some damage to man, his animals, crops, stores of food and materials.

Despite the terrible damage and diseases caused by some insects, there are benefits that man generally gets from insects. Insects pollinate crops. This is their most important role to man.

Some insects also produce commercially important products: bees produce honey and wax: the silk worms produce the fine silk threads that are used in the manufacture of expensive fabrics.

Insects are grouped under arthropods. They have common characteristics such as exoskeleton, jointed legs and segmented bodies. Their bodies are divided into three distinct arts, that is, head, thorax and the abdomen. The head, the first part of the body, comprises the feelers and the compound eyes.

The second part of the body is the thorax and this consists of three segments which bear three pairs of legs. The insect with its three pairs of legs can easily be differentiated from spiders which have four pairs. The abdomen is the third part of the body. The segments of the abdomen have no legs but contain various organs of the reproductive system. In some insects there is a structure at the back-end of the abdomen which has various functions; for example, egg-laying as seen at the back end of bush crickets, or for causing a painful sting, as seen at the back-end of wasps.

Questions:

a) What is the study of insects called?

.....

.....

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b) How are insects harmful to man?

.....

.....

c) What is the most important role of insects?

.....

.....

d) Which insect has a painful sting?

.....

.....

e) Which part of an insect contains various organs of the reproductive system?

.....

.....

f) Which type of skeleton do arthropods possess?

.....

.....

g) Why are bees commercially important to man?

.....

.....

h) What is the difference between an insect and a spider?

.....

.....

i) Give another word or group of words with same meaning as:

I. comprises .....

II. various.....

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52. The talk below is about an accident Anita witnessed. Study it and answer, in full sentences, the questions that follow.

Carol: Good morning, Anita.
Anita: Good morning, Carol.
Carol: Why are you late today?
Anita: My friend, it is a long story.
Carol: A long story, what is it about? Did you fall sick?
Anita: No, I did not fall sick but there was an accident on Bukasa Road.
Carol: An accident! Were you involved? What exactly happened?
Anita: The taxi we were following knocked down a school boy, so we had to stop for some time.
Carol: A school boy, sorry! To which school was he going?
Anita: I did not find out the school but I think he was in primary.
Carol: Did he die?
Anita: No, he did not, but sustained serious injuries especially on the head.
Carol: That is sad news. How did you assist him?
Anita: My mother called the police and they sent an ambulance to take him to Mulago Hospital.
Carol: Anita, thank you for being very kind people.
Anita: You are welcome, Carol.

a) What is the dialogue about?

.....

.....

b) Who was late for school?

.....

.....

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c) At what time did the dialogue take place?

.....

.....

d) Which person was injured in the accident according to the dialogue?

.....

.....

e) Who called the ambulance at the scene of the accident?

.....

.....

f) Where was Anita going before she witnessed the accident?

.....

.....

g) To which hospital was the school boy taken?

.....

.....

h) Did the victim of the accident die?

.....

.....

i) Which part of the casualty was most injured?

.....

.....

j) Suggest a suitable title for the dialogue.

.....

.....

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53. **Read the poem below carefully and 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 the people's crops.

What a rainy season it was
The season of heavy rains
That demolished people's houses.
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.

Nantale Geraldine

a) Which season is talked about in the poem?

.....

.....

b) What didn't the heavy rains spare?

.....

.....

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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.

a) demolished.....

b) homeless.....

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54. The sentences below are in a wrong order. Re-arrange them to form a correct story about the P.7 educational tour.

a) The pupils started preparing for the tour as soon as the lesson ended.
b) On their way, they saw many important places.
c) They visited Mr. Opero's farm at Serere.
d) Immediately the school bus arrived at the school park yard
e) Mr. Opero and some workers conducted the pupils around the farm.
f) Last week, P.7 pupils went for an educational tour.
g) This followed their science lesson on domestic animals by Ms. Naki.
h) At the farm they were welcomed by Mr. Opero himself.
i) They boarded and set off.
j) The following morning on Friday, they got ready.

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55. **The passage below is incomplete. Read through and fill the gaps with suitable words from the list given in the box below.**

dressed	home	visitor	sent	fighting
pretended	come	smiled	made	lawyer

Last year, during the second term holiday, my mother .....me to the market. She wanted me to buy a pumpkin. I asked Bruno, my half-brother, to .....along with me. A short distance away from home, we met an old man. He was carrying a bag.....out of dry palm leaves. He looked a very poor old man from a village. He.....and greeted us. Bruno answered but I kept quiet. I did not like the way he was..... The man then asked us to direct him to the house of Mr. Mutebi, a..... I never wanted Bruno to direct him to our home but he did. This hurt me so much that I felt like.....Bruno. He told me that it was bad manners to treat strangers like that.

Immediately we got back ....., my mother welcomed us. She was very happy to have a visitor.

The.....was the old man we had met on the way. She asked us to greet him. Bruno went immediately and shook his hand. I .....that I was taking the pumpkin to the kitchen.

END

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HILLSIDE PRIMARY SCHOOL-NAALYA

PRE-REGISTRATION EXAMINATIONS

2024

MATHEMATICS (Set Two)

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		

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SECTION A: (40 marks)

1. Work out: $12 \div 3$ using repeated subtraction

2. Write **3013** in words.

3. Write XCV in Hindu Arabic numerals.

4. Given that set P has 32 subsets. Find n(P)

5. The area of a triangle is $42m^2$. If its base is 12m, calculate its height

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6. The supplement of $5y - 20^0$ is 50^0. Find the value of **y**.

7. The cost of 4 pencils cost sh.2400. How many pencils can one buy with sh.3200?

8. Simplify: $2w - 8r - 7w + 5r$

9. Without dividing, show that 2346 is exactly divisible by 3

10. Change $\frac{3}{4}$ to a decimal

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11. A lesson that ended at 4:10pm lasted 50minutes. At what time did it start?

12. Simplify: $\bar{4} + \bar{6}$

13. Increase 600kg by $22\frac{1}{2}\%$

14. Using a ruler, a pencil and a pair of compasses only, construct an angle of 120^0 in the space below.

15. Solve: $k + 5 = 2$ (finite 7)

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16. Given that a = ¯2 and b = 3. Find the value of b^a

17. What is the smallest number that can be divisible by either 6 or 8 and leaves 3 as the remainder?

18. Draw a Venn diagram to show that all hens(H) are birds(B).

19. Solve: $5 - 2y = 13$.

20. Find the **square** of the next number in the sequence:
4, 6, 8, 9, 10, _____

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SECTION B: (60 marks)

21. a) Express 0.0542 in scientific notation. **(02 marks)**

b) Find the sum of the value of 3 and the value of 2 in the number 82531 **(03 marks)**

22. Pauline bought the items in the table below from a shop.

a) Complete the table below. **(04 marks)**

Items	Unit cost	Amount
.....bars of soap	Sh. 3,000per bar	Sh. 6000
3 loaves of bread	Sh. .....per loaf	Sh. 9600
$2\frac{1}{2}$ kg of salt	Sh. 800 per kg	Sh. .....
TOTAL EXPENDITURE		Sh. .....

b) If he was given a discount of 10%, how much money did he pay? **(01 mark)**

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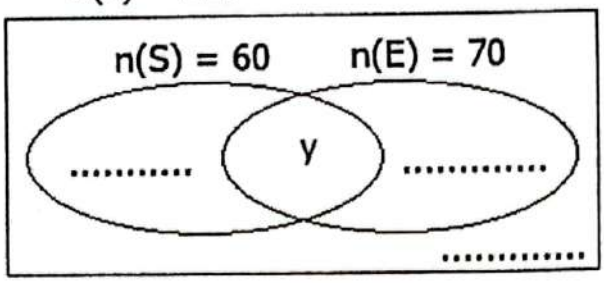
23. In a class of 120 pupils, 60 pupils like science (S), 70 like English (E) and y pupils like both Science and English while 5 pupils like neither of the two subjects.

a) Complete the Venn diagram below. **(03 marks)**

$n(\varepsilon) = 120$



b) Find the value of y. **(02 marks)**

24. a) Solve for m: $3(m-1) = 9$ **(03 marks)**

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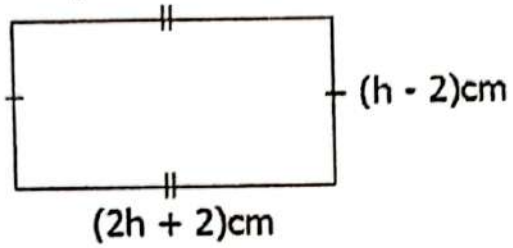
b) Tendo is two thirds as old as Dasha. If Tendo is (h) years old, find their total age. **(02 marks)**

25. The figure below is a rectangle. The distance around it is 36cm.



a) Find the value of h **(02 marks)**

b) Calculate its area. **(03 marks)**

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26. The sum of three consecutive counting numbers is 72.

a) If the second number is y, find value of y. **(03 marks)**

b) Write the first number in words. **(02 marks)**

27. Three boys; Anthony, Bernard and Christopher shared some apples in the ratio of 3:4:5 respectively. If Bernard got 120 apples,

a) How many apples did they share altogether? **(03 marks)**

b) Express Anthony's share as a fraction of the total share. (***01 mark***)

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28. a) In a class of 600pupils, $\frac{1}{3}$ of the pupils like Meat, 60% of the remainder like chicken. The rest of the pupils like Fish

a) How many pupils like chicken? (***03 marks***)

b) How many pupils like fish? (***02marks***)

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

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

a) How many pupils did the test? (***02 marks***)

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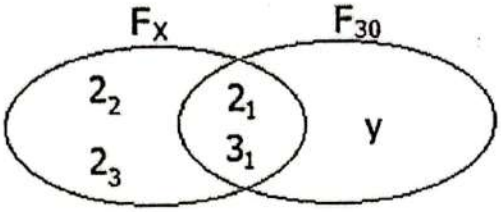
b) If the mean mark was 71, find the value of k. (***03 marks***)

30. The Venn diagram below represents the prime factors of two numbers. Use it to answer the questions that follow.



a) Find the value of **x**. (**02 marks**)

b) Calculate the value of y. (0**2 marks**)

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c) Work out the LCM of X and 30. **(02 marks)**

31. a) Work out: $\frac{1.8 \times 0.15}{0.6 \times 0.3}$ **(03 marks)**

b) Express 0.3636 - - - as a fraction in its simplest form. **(02 marks)**

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32. a) Using a pair of compasses, ruler and pencil only, construct a rectangle ABCD where line BC=9cm and line BA=5cm. **(04 marks)**

b) Measure diagonal BD. **(01 mark)**

END

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