



HILLSIDE PRIMARY SCHOOL-NAALYA

## MOCK EXAMINATIONS

2021

MATHEMATICS (Set Fourteen)

Time Allowed: 2 Hours 30 Minutes

Index No.

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Candidate's Name.....

Candidate's Signature.....

School Name.....

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. The paper has 16 pages altogether.
2. All 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 ink or fountain pen. Any work done in pencil other than graphs and diagrams will **not** be marked.
4. **No calculators** are 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 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		
<b>TOTAL</b>		

## **SECTION A: (40 Marks)**

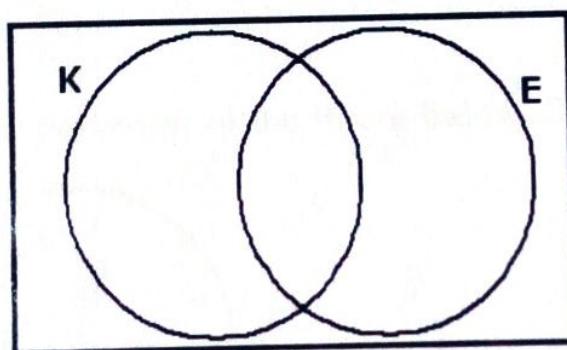
**1.** Work out:  $54 - 23$

**2.** Solve:  $2y - 3 = 7$

**3.** Write "Seventy three thousand, fourteen" in figures.

**4.** Simplify:  $1 \frac{2}{3} \times \frac{9}{20}$

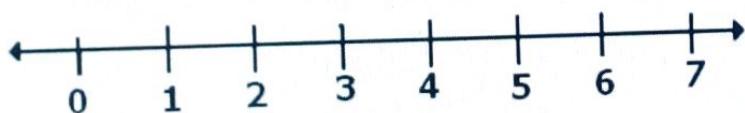
**5.** Shade  $(K \cap E)'$  in the Venn diagram below.



6. Simplify:  $-8 - -2$

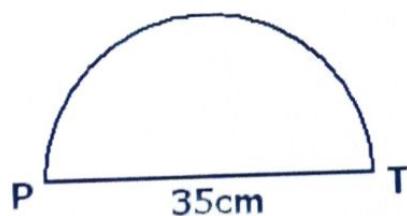
7. Find the lowest common multiple (LCM) of 18 and 12.

8. Work out  $3 \times 2$  using a number line drawn below.



9. An exam started at 8:45 a.m. and ended at 11:15 a.m. How long did the examination take?

10. Work out the perimeter of the figure below. (Take  $\pi = \frac{22}{7}$ )



**11.** The interior angle of a regular polygon is  $108^{\circ}$ . How many sides does the polygon have?

- 12.** Below are the heights of some seedlings in Sseremba's nursery bed:  
15m , 70cm , 20cm , 50cm , 30cm and 70cm. Calculate the range of the heights of the seedlings.
- 13.** Baguma borrowed Sh. 800,000 from the bank that charges a simple interest rate of 6% per annum. Calculate the interest Baguma paid after the 1 year 6 months.

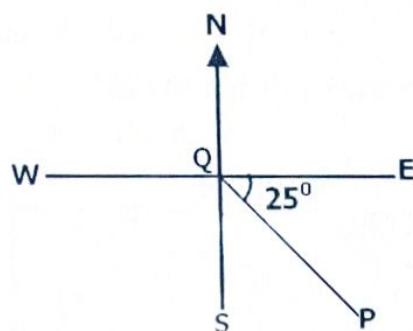
**14.**Use distributive property to work out: $(76 \times 53) - (53 \times 56)$

**15.**Six counter books cost sh.18000. Find the cost of 4 similar books.

**16.**Express 197 in Roman numerals.

**17.**M is a set with 15 proper subsets. Find  $n(M)$ .

**18.** In the figure below, find the direction P from Q.

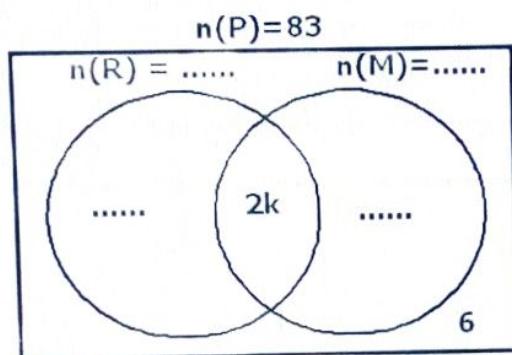


**19.** What must be added to  $2y + 5$  to get  $3y - 2$ ?

**20.** A bus covered a distance of 270km in 3 hours. Calculate the speed of the bus.

**21.** In a class of 83 pupils, all of them like Posho (P), 47 of them like Matooke (M), 40 like Rice (R),  $2k$  like all the three types of food while 6 like only Posho.

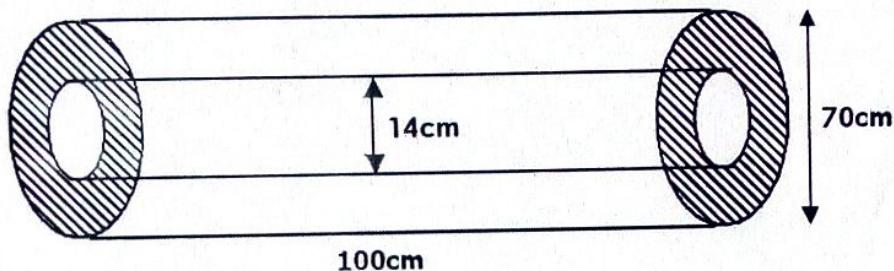
- (a) Represent the above information on the Venn diagram below. **(2 marks)**



- (b) Work out the value of  $k$ . **(2 marks)**

- (c) How many pupils like only two types of food? **(2 marks)**

**22.** The diagram below shows a pipe made from a metal. Find the volume of the metal used to make the pipe. (Take  $\pi = 3 \frac{1}{7}$ )  
**(5 marks)**



**23.** Kakeeto bought a plot of land at sh. 5,000,000. He sold it to Kakembo making a loss of 20%. Kakembo also sold the same plot of land to Kaweesi making a profit of 25%. How much money did Kaweesi pay for the plot of land? **(4 marks)**

**24. (a)** Using a pair of compasses, a ruler and a pencil only,  
construct a triangle RST where  $RT = 7\text{cm}$ , angle  $SRT = 45^\circ$  and  
angle  $RTS = 60^\circ$ . **(4 marks)**

**(b)** Measure length RS.

**25.** The table below shows Nakiyingi's shopping list.

ITEM	PRICE	AMOUNT
3 kg of rice	sh. 3,000 per kg	sh. _____
1 ½ kg of meat	sh. .....per kg	sh. 12000
_____ litres of milk	sh. 2,000 per litre	sh. 3000
<b>TOTAL EXPENDITURE</b>		sh._____

(a) Complete the shopping table above. **(4 marks)**

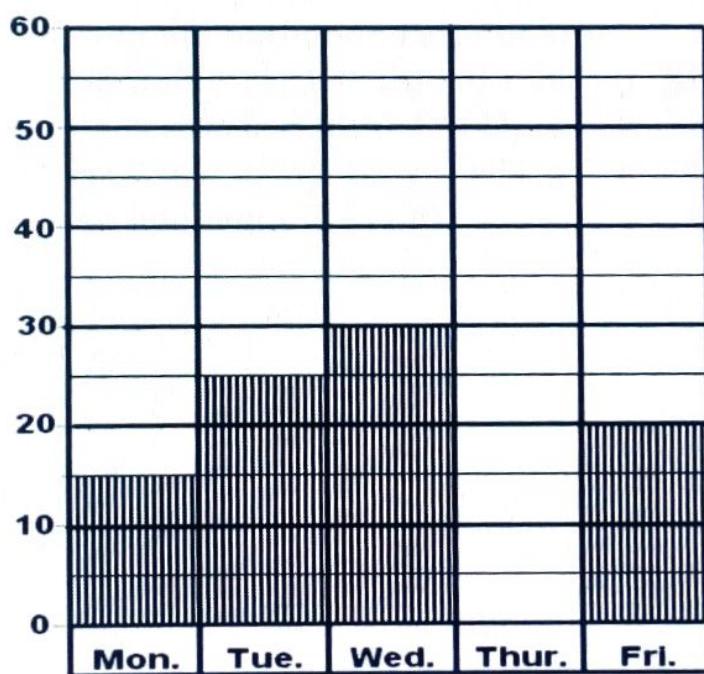
(b) If she paid sh. 21,600 for all the items, what percentage discount was she offered? **(2 marks)**

**26.(a)** Solve:  $2(2p - 5) - 3(1 - p) = -6$  **(3 marks)**

(c) Namugga is 37 years old. Magyezi is 14 years old.

After how many years will Namugga be twice as old as Magyezi? **(2 marks)**

27. The graph below shows the number of pupils who were absent from school in a certain week.



- (a) How many pupils were absent on Tuesday? **(1 mark)**

(b) On which day of the week was the attendance 100%?  
**(1 mark)**

(c) How many pupils were absent throughout the week?  
**(2 marks)**

**28.** Given the exchange rates below:  
US dollar (\$) 1 = Uganda shillings (Ug.sh) 2500;  
Kenya shilling (Ksh) 1 = Ug.sh. 28.  
Find how many Kenya shillings Amooti will get after  
exchanging US \$ 420. **(4 marks)**

**29.(a)** What is the place value of 7 in the number 379.046?

**(1 mark)**

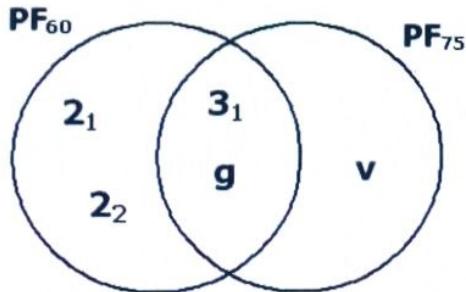
**(b)** Change 29 into base two.

**(2 marks)**

**(c)** Expand 2058 using powers of 10.

**(2 marks)**

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



**(a)** Find the value of:

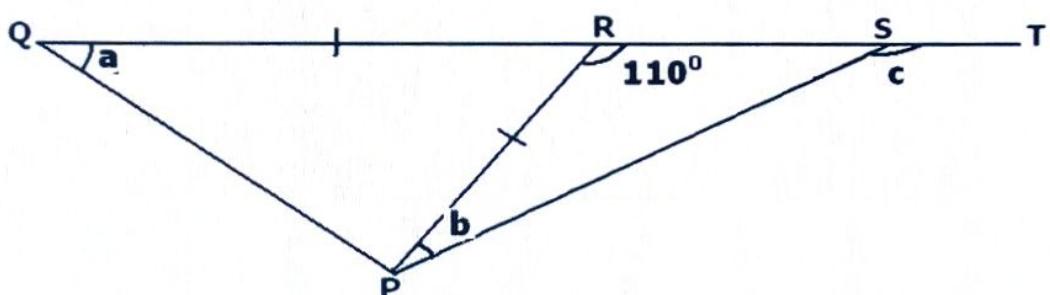
**(4 marks)**

i)  $g$

ii)  $v$

iii) Work out the HCF of 60 and 75. (1 mark)

31. In the diagram below, PQR is an Isosceles triangle and angle QPS =  $80^\circ$ , work out the value of angles represented by a, b and c.



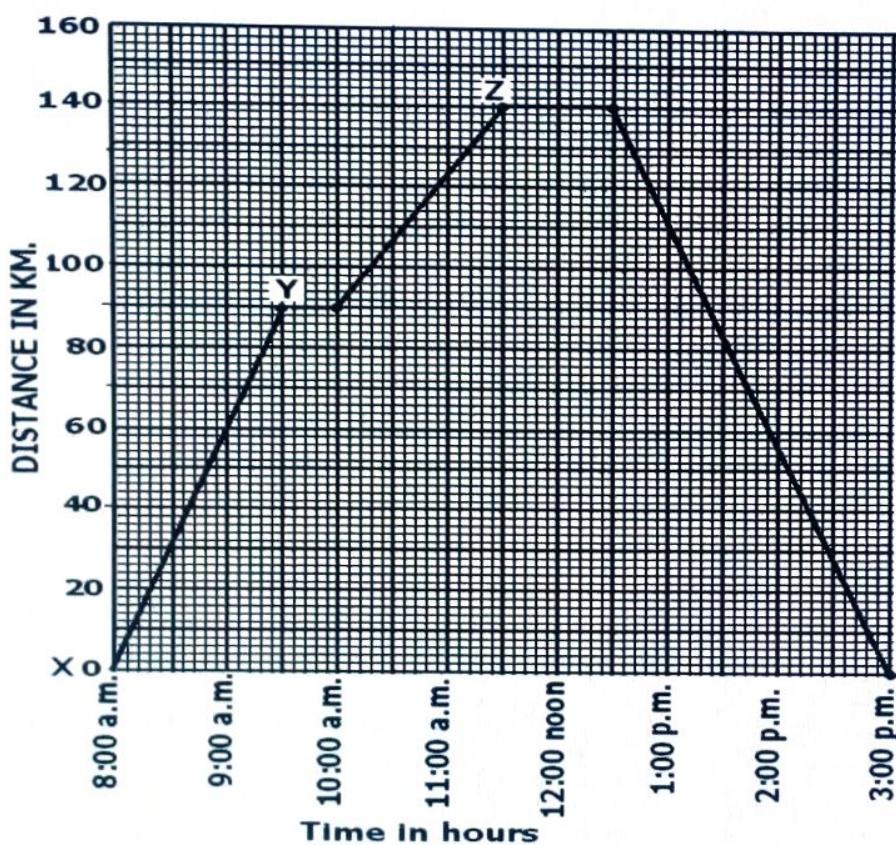
Find the value of:

(i) a (2 marks)

(ii) b (1 mark)

(iii) c (2 marks)

**32.** The travel graph below shows the journey of a motorist from town X to town Y via town Z and back to town X. Study it carefully and use it to answer the questions that follow.



- (a) How far is town Y from town X? (1 mark)
- (b) For how long did the motorist stop on the way? (2 marks)
- (c) At what time did the motorist reach town Z (1 mark)
- (d) Calculate the average speed of the motorist for the whole journey. (2 marks)



HILLSIDE PRIMARY SCHOOL-NAALYA

## MOCK EXAMINATIONS

2021

**ENGLISH (Set Fourteen)**

**Time Allowed: 2 Hours 15Minutes**

**Index No.**

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**Candidate's Name.....**

**Candidate's Signature.....**

**School Name.....**

**District Name.....**

**Read the following instructions carefully:**

1. The paper has **two** sections: **A** and **B**. Section **A** has 50 questions and section **B** has 5 questions. The paper has 16 pages altogether.
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 ink or fountain pen. Any work written in pencil other than graphs, pictures and diagrams will **not** be marked
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<b>FOR EXAMINERS' USE ONLY</b>		
<b>Qn. No.</b>	<b>MARKS</b>	<b>EXRS' NO</b>
1-10		
11-20		
21-30		
31-40		
41-50		
51		
52		
53		
54		
55		
<b>TOTAL</b>		

**SECTION A: 50 MARKS**  
(Questions 1 to 50 carry one mark each)  
Sub-section I

For questions 1 to 10, use the correct form of the word in brackets to complete the sentences.

1. Karimwiju prefers ..... to drawing cartoons.  
(write)
2. Mrs. Makaku is wearing a ..... ring. (gold)
3. All the teachers walked..... to the church hall for praise and worship. (hurry)
4. If her mother..... early, she would find her baby awake. (come)
5. All the new ministers were..... in last week.  
(swear)
6. ..... is a well-paying job. (carpenter)
7. The tailor had to measure the..... of the cloth. (long)
8. The pupils..... sweaters. ( wear)
9. The ..... took place in broad day light. (rob)
10. Her ..... born is a girl. (four)

In questions 11 to 15 fill in a suitable word or group of words to complete the sentences.

11. Kanagwa is such an intelligent boy ..... he works out numbers without help.
12. A lion roars while a baby.....
13. The ..... has failed to mend my shoes.
14. Hardly had he opened the gate ..... he was shot at.
15. The thief jumped ..... the window and escaped.

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

16. House, hail, hut, heat, hot

.....  
.....

17. Aboga, Charles, Martin, Otim

.....  
.....

*In questions 18 to 20, re-arrange the words to form a correct sentence.*

18. Milk fresh special, needs care.

.....  
.....

19. It how happen did?

.....  
.....

20. Clever what girl a is she!

.....  
.....

*In questions 21 and 22, re-write the sentences giving the plural form of the underlined words.*

21. The head-of-subject was told to meet the headmaster.

.....  
.....

22. A fox is swift.

.....  
.....

*In questions 23 to 25, give the opposite of the underlined words or group of words.*

23. That spinster is looking for someone to love her

.....  
.....

24. I hate pupils who are lazy.

.....  
.....

25. Is it true that Mulokole was fair?

.....  
.....

*In questions 26 to 28, give the full form of the following abbreviations.*

26. Ltd.....

27. Mrs.....

28. Shs.....

*In questions 29 and 30, construct sentences using the given words to show that you understand their meaning.*

29. Saw

.....  
.....

30. Sew

.....  
.....

## Subsection II

*In each of the questions 31 to 50, re-write the sentences as instructed in brackets.*

31. The engine is very old. It can't work properly.

(Re-write the sentence using .....too.....)

.....  
.....

32. If Jennifer goes to state house, she will meet the president.

(Re-write the sentence using .....unless.....)

.....  
.....

33. My book is misplaced. (Re-write in plural form)

.....  
.....

34. The little girl spoke sadly. Many of us began to weep.

(Re-write the sentence using .....so.....that.....)

.....  
.....

35. Susan wasn't a well behaved girl. Everyone admired her.

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

.....  
.....

36. When Jesus called Peter, he answered immediately.

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

.....  
.....

37. Nkangi is selling cars.

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

.....  
.....

38. The weather was very bad.

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

.....  
.....

39. If I get some money, I shall help you.

(Re-write the sentence using.....got.....)

.....  
.....

40. Apart from working as a cobbler, Wenga does carpentry.

(Re-write the sentence beginning: Not only.....)

.....  
.....

41. It is a pleasure to teach children who are well brought up.

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

.....  
.....

42. You will pass this examination only if you read the questions with care.

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

.....  
.....

43. The girl is my niece. She stays with me.

(Re-write the sentence using .....who.....)

.....  
.....

44. He didn't punctuate the work. He failed the mid-term examinations.

(Re-write the sentence using .....because.....)

.....  
.....

45. That carpenter sold to me good furniture. It will attract many customers.

(Re-write the sentence using .....which.....)

.....  
.....

46. Mandazi cannot read well. She cannot write neatly.

(Re-write the sentence using .....and neither.....)

.....  
.....

47. "I will mark the exercise tomorrow," said the teacher.

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

.....  
.....

48. Nabasa is a doctor. Nabasa is a lecturer.

(Re-write the sentence using.....both.....)

.....  
.....

49. He likes chicken more than meat.

(Re-write the sentence using ..... prefer..... )

.....  
.....

50. A fool and his money. (Complete the proverb.)

.....  
.....

### **SECTION B: 50 MARKS**

(Questions 51 to 55 carry 10 marks each)

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

Matabi started her journey from Bwizibwera to see the Great River Rwiizi in Mabarara District. On her way, she reached River Kaana. She found that the stepping stones by which she was expected to cross the river had disappeared under the flood.

Then she had to decide one or two things; either to return home or to cross the flooded river. She threw herself into the water. Oh! She cried as she struggled with the rushing water. At once, the swift running water snatched away the food she was carrying. Even her clothes were torn off as she was tossed about in the water.

Fortunately, she landed on a papyrus reed which she grabbed as she was screaming for help. A herdsman, who had brought his cattle for drinking water, saw her. He quickly jumped into the water and rescued her. He warned her never again to cross such a river alone.

(a) Where does Matabi come from?

.....  
.....

(b) Why did Matabi leave her home town?

.....  
.....

(c) In which district is River Rwiizi found?

.....  
.....

(d) According to the story, which river had flooded?

.....  
.....

(e) Why couldn't Matabi see the stepping stones in the river?

.....  
.....

(f) What was she carrying as she struggled with the running water?

.....  
.....

(g) Why do you think it is not wise to cross the river alone?

.....  
.....

(h) Give another word or group of words with the same meaning as the following words as used in the story:

- i) return.....
- ii) screaming.....

(i) Write a suitable title for the story.

.....

52. Read the notice carefully and answer the questions that follow in full sentences.

POLICE NOTICE

HIGH RATES OF ROAD ACCIDENTS

Drivers are the main cause of road accidents.

They are advised to reduce their terrible speed.

Motorists, cyclists, and pedestrians also contribute to the high rates of accidents.

Please, follow the road signs and always listen carefully to free lessons on Radio One F.M 90. Get to know that accidents happen daily and act as a responsible citizen. The program is presented by Serumaga.

(a) What is the police notice about?

.....  
.....

(b) Who causes most of the road accidents?

.....  
.....

(c) Where can one get free lessons on traffic rules?

.....  
.....

(d) Who presents the program?

.....  
.....

(e) What should drivers do to avoid causing road accidents?

.....  
.....

(f) Apart from the motorists, who else are the road users?

.....  
.....

(g) On which day is the program about traffic rules?

.....  
.....

(h) Who are being informed according to the notice?

.....  
.....

(i) Write the short form of road.....

(j) Write the word radio in plural form.

.....  
.....

53. The table below shows the road accidents that happened in April of 2009, alone. Study it and answer the questions that follow in full sentences.

ROAD	DEATHS	SERIOUS INJURIES
Jinja Rd.	36	47
Masaka Rd.	49	52
Mityana Rd.	25	30
Bombo Rd.	12	16
Entebbe Rd.	6	13

(a) What is the table about?

.....  
.....

(b) When was this information collected?

.....  
.....

(c) Which road registered the highest number of deaths?

.....  
.....

(d) Which road registered the highest number of serious injuries?

.....  
.....

(e) How many people lost their lives on Bombo road?

.....  
.....

(f) Why do you think Masaka registered the highest number of accidents?

.....  
.....

(g) What was the total number of deaths on all the five roads?

.....  
.....

(h) Why do you think Entebbe road registered the fewest accidents?

.....  
.....

(i) How many serious injuries were registered in the whole month of April 2009 alone?

.....  
.....

(j) Write Rd. in full.

.....  
.....

**54. Re-arrange the jumbled story below to make a sensible sentence.**

1. They got very good jobs which made them rich.
  2. Luckily enough, his children also worked hard in school.
  3. They lived at Nalwana village in Luweero District.
  4. And as a result, they made their father the happiest man in the village.
  5. So that he could get money and send his children to school.
  6. There lived a family of a man called Musota.
  7. This family was the poorest in this village.
  8. So he worked tirelessly from sunrise to sunset.
  9. Although they were very poor, the father loved education so much.
  10. They completed their studies successfully.
- .....  
.....  
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.....

55. You are the Games Prefect in your school. Write a letter to the Games Master of Kenyatta Primary School, P. O. Box 435, Lyantonde, inviting their football and netball teams for friendly matches with your school. In your letter, indicate the date and time. Use your school address.

END



HILLSIDE PRIMARY SCHOOL-NAALYA

## MOCK EXAMINATIONS

2021

SOCIAL STUDIES WITH RELIGIOUS EDUCATION (Set **Fourteen**)

*Time Allowed: 2 Hours 15Minutes*

**Index No.**

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**Candidate's Name.....**

**Candidate's Signature.....**

**School Name.....**

**District Name.....**

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11-20		
21-30		
31-40		
41-43		
44-46		
47-49		
50-52		
53-55		
<b>TOTAL</b>		

**SECTION A:(40 marks)**

**Questions 1 to 40 carry one mark each**

1. Rwanda is 30°East of Greenwich Meridian. What is the time difference between Rwanda and Ghana?

.....  
.....

2. Give one way in which forests help to modify climate.

.....  
.....

3. To which group of the Nilotes do the Sabiny belong?

.....

4. Name the flag that was replaced by the Uganda national flag on 9<sup>th</sup> October 1962.

.....

5. Why did Sir Charles Gordon send Linnant De Bellefonds to Buganda in 1875?

.....  
.....

6. Give one reason why cocoa farmers ferment cocoa beans.

.....  
.....

7. Mention one problem facing Africa today.

.....  
.....

8. Which money did the British use for paying the Indian coolies for constructing the Uganda railway?

.....  
.....

9. Why were Omukama Yohana Chwa II Kabalega and Kabaka Daniel Mwanga sent to exile to the Seychelles Islands?

.....  
.....

10. Which rebellion in Uganda was known as the Uganda Mutiny?

.....

11. Mention one economic activity that the countries of the Nile Valley carry out on river Nile

.....  
.....

12. Identify one attribute of Uganda as a nation that appears on the Uganda National Coat of Arms.

.....  
.....

13. Give one reason why it is difficult to construct roads and railways in D.R. Congo.

.....  
.....

14. Why should grass be planted around the rain gauge?

.....  
.....

15. Which country in Africa is the world's leading producer of diamonds?

.....  
.....

16. Identify one African member of Common Wealth with no British colonial history.

.....  
.....

17. Mention one other regent who ruled Buganda in 1900 apart from Sir Apollo Kaggwa.

.....  
.....

18. State one indicator of development in a country.

.....

19. Give any one way mohair from Angora goats is useful.

.....  
.....

20. What title is given to the elected leader of a district?

.....



21. Mention one economic activity that takes place on land.

.....

22. Give one way a good citizen contributes in the economic development of his country.

.....  
.....

23. How are Uganda, Kenya and Tanzania, related in their political history?

.....  
.....

24. In which climatic region are most game parks located?

.....  
.....

25. Give one way in which trees on a school compound are useful.

.....  
.....

26. Name the leading oil producing country in Africa.

.....  
.....

27. Why were the African traditional leaders supporting slave trade?

.....  
.....

28. Mention one problem affecting labour in Africa.

.....  
.....

29. Name the Pan Africanist who led Ghana to independence in 1957.

.....  
.....

30. Give one way the government of Uganda can show national mourning.

.....  
.....



Use the diagram below to answer questions 31 to 33.



31. Name the feature marked A.

.....

32. Why does area B receive little or no rainfall?

.....  
.....

33. Identify one economic activity that takes place in area C.

.....

- 34.** Give one reason why R. Congo carries a lot of water to the Ocean.

.....

.....

- 35.** Give one reason why Ethiopia was able to defeat the colonialists.

.....

.....

For each of the questions **36 to 40**, answer **Either** the Christianity **Or** the Islamic questions but **not** both. **No** marks will be awarded to a candidate who attempts **both alternatives** in a particular number.

- 36.** **Either:**

Which son did Abraham produce with Sarah?

.....

**Or:**

Which son did prophet Ibrahim produce with Hajara?

.....

- 37.** **Either:**

Name the prophet who preached “**true worship and trust**”.

.....

**Or:**

Name the prophet who received the book of Injil.

.....

- 38.** **Either:**

Which miracle did Jesus perform at Cana?

.....

**Or:**

Which problem did prophet Muhammad face at Taif?

.....

**39. Either:**

Why do Christians sing and dance during prayer?

.....  
.....

**Or:**

Why do Muslims separate men from women during prayer?

.....  
.....

**40. Either:**

Why did Zacchaeus climb the sycamore tree?

.....  
.....

**Or:**

Why did prophet Ibrahim accept to sacrifice his son?

.....  
.....



### **SECTION B: 60 MARKS**

**Questions 41 to 55 carry four marks each**

**41. (a) What is the main duty of the Uganda revenue Authority?**

.....  
.....

**(b) Which bank in Uganda controls other banks?**

.....  
.....

**(c) What type of tax is value added tax?**

.....  
.....

- (c) Why did the Acholi refuse to register their guns when they had been requested by the British?

.....  
.....

- (d) What method did the British colonialists use to partition Africa peacefully?

.....  
.....

46. (a) State one factor that favours industrial expansion in Africa.

.....  
.....

- (b) Give one factor to consider before setting up an industry.

.....  
.....

- (c) How is heavy industrialization important to a country?

.....  
.....

- (d) Give one danger of heavy industrialization.

.....  
.....



47. (a) Name the largest irrigation scheme in the world that is found in Sudan.

- .....
- (b) Explain why machines can easily be used in Gezira irrigation scheme.

.....  
.....

(d) How is smuggling dangerous to the economy of Uganda?

.....  
.....

42. (a) Which independent African country is not a member of the African Union?

.....  
.....

(b) Name the last country to join the African Union.

.....  
.....

(c) What do the Palm leaves on the AU flag symbolize?

.....  
.....

(d) Identify one achievement of the OAU.

.....  
.....

43. (a) Why is Libya's oil more marketable than that of Nigeria?

.....  
.....

(b) How did Libya manage to get fresh water for irrigation on the desert?

.....  
.....

(c) Explain why Libya is developing faster than Nigeria yet both of them export oil.

.....  
.....

- (d) Give one reason why most people in Libya prefer to live in the North.

.....  
.....



44. (a) In which country was the Commonwealth Heads of Government meeting held in 2007?

.....

- (b) Identify the flag below.



.....

- (c) Name the part marked G.

.....  
.....

- (d) Identify one permanent member of the Security Council of the UNO.

.....  
.....

45. (a) What was the main cause of the MAU MAU rebellion?

.....  
.....

- (b) Why was German rule unpopular in Tanganyika?

.....  
.....

- (c) How does the Senner dam support crop farming in the Gezira irrigation scheme?
- .....  
.....

- (d) How is the Kenana irrigation scheme similar to Kakira sugar works in Uganda?
- .....  
.....

- 48.** (a) Which member of the local council executive is in charge of children's affairs?

.....  
.....

- (b) Mention any two special groups of people that are represented in the LC I executive.

(i) .....

(ii) .....

- (c) Identify one local government level to which some powers from the central government are decentralized.

.....  
.....

- 49.** (a) What were the early European explorers looking for in East Africa?

.....  
.....

- (b) Identify one difficulty that the early European explorers encountered in East Africa.

.....  
.....

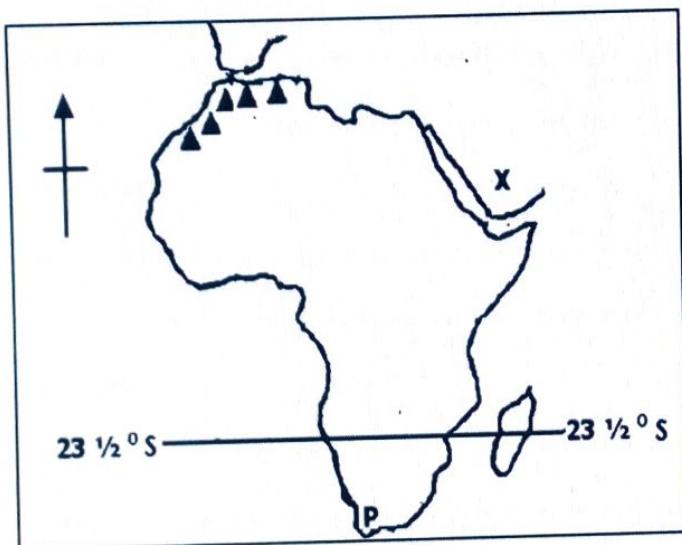
- (c) Name the European explorer who started looking for the source of the Nile from its delta.

.....

(d) Which feature on the highest peak of Mt. Rwenzori looked like a rising moon?

.....  
.....

50. Use the map below to answer question 49.



(a) Identify the mountains marked 

.....

(b) Name the continent marked x.

.....

(c) Why did Bartholomew Diaz call the area marked P "the Cape of Storms"?

.....

.....

(d) Which imaginary line is marked  $23 \frac{1}{2}^{\circ} S$ ?

.....

For each of the questions **36 to 40**, answer **Either** the Christianity **Or** the Islamic questions but **not both**. **No** marks will be awarded to a candidate who attempts **both alternatives** in a particular number.

**51. Either:**

State the main messages that we get from the following books.

- i) Genesis.....  
.....
- ii) Exodus.....  
.....
- iii) Leviticus  
.....  
.....
- iv) Gospels  
.....  
.....

**Or:**

Briefly give the meanings of the following Islamic terms.

- i) i) Hegira.....  
.....
- ii) Miraj.....  
.....
- iii) Jihad.....  
.....
- iv) Caliphs.....  
.....

**52. Either:**

- (a) Which disaster forced the first Israelites to go to Egypt?

.....  
.....

- (b) Who was the first Israelite to go to Egypt?

.....

- (c) How was Aaron helpful to Moses in Egypt?

.....  
.....

- (d) How did God protect the sons of the Israelites from being killed by the angel of death in Egypt?

.....  
.....

**Or:**

- (a) Who was the first prophet in Islam?

.....

- (b) Who was the last prophet in Islam?

.....

- (c) Give two reasons why prophet Musa is remembered in Islam.

(i) .....

.....

(ii) .....

.....



**53. Either:**

- (a) Why is a cross taken to be a church religious symbol?

.....  
.....

(b) Give one example of a Christian religious sign.

.....

(c) State any two ways Christian religious symbols are important.

(i) .....

(ii) .....

**Or:**

(a) Name the first obligatory prayer for Muslims in a day.

.....

.....

(b) Which obligatory prayers has only two units (rakas)

.....

.....

(b) Identify the special prayer that is performed only in the Holy month of Ramadhan.

(d) Which Muslims are not allowed to pray?

.....

**54. Either:**

**"If you are God's son, order these stones to turn into bread".**

**Matt 4:3**

(a) Who said the above words?

.....

(b) To whom were the above words said?

.....

(c) What was the person in (b) above doing in that place?

.....

(d) What lesson do we learn from the above quotation?

.....

**Or:**

**"Fasting is prescribed for you as it was for those before you".**

- (a) In which month do Muslims fast?

.....

- (b) Give any two groups of Muslims who should not fast.

(i) .....

(ii) .....

- (c) Give one way fasting is important to Muslims.

.....

**FOR ALL CANDIDATES**

55. (a) Give one way you can help people who are suffering from HIV/AIDS.

.....

.....

- (b) How do most people contract the deadly HIV/AIDS?

.....

.....

- (b) How can you as a P.7 child avoid contracting the deadly HIV/AIDS?

.....

.....

- (d) Give one problem faced by you as a child in your home.

.....



**END**



HILLSIDE PRIMARY SCHOOL-NAALYA

## MOCK EXAMINATIONS

2021

INTEGRATED SCIENCE (Set Fourteen)

Time Allowed: 2 Hours 15Minutes

Index No.

--	--	--	--	--	--	--	--

Candidate's Name.....

Candidate's Signature.....

School Name.....

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 12 questions. The paper has 15 pages altogether.
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 ink or fountain pen. Any work written in pencil other than graphs, pictures and diagrams will not be marked
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 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		
<b>TOTAL</b>		

## **SECTION A :( 40 marks)**

***Questions 1 to 40 carry one mark each***

1. Name one element of weather.

.....  
.....

2. Mention one role of a child at home.

.....  
.....

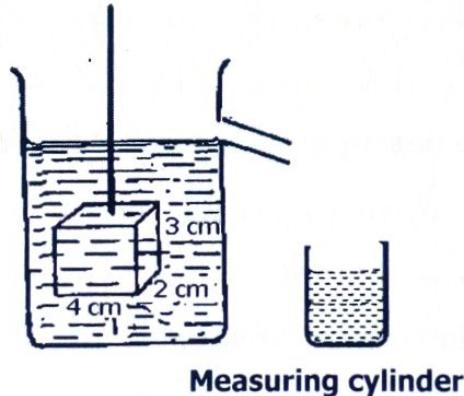
3. Why is it a good practice to pour chicken droppings in the garden?

.....  
.....

4. Which organ of the body is used for smelling?

.....

**The diagram below shows a method used to find volume of objects.**



5. Name the method represented in the diagram.

.....  
.....

6. What does the water in the measuring cylinder represent?

.....  
.....

**7. How are foods such as milk, soya, and beans useful to a baby?**

.....  
.....

**8. What injury is common in children who play near fire places?**

.....  
.....

**9. Which part of a mushroom is comparable to a seed in millet?**

.....  
.....

**10. Why is it important for an athlete to breathe out?**

.....  
.....



**11. Apart from causing death, how else do infections affect layers?**

.....  
.....

**12. Which mineral salt is suitable for a person suffering from goitre?**

.....  
.....

**13. In the space provided below, draw the part of a plant where food is mainly made.**

14. Name one tool used to measure length.

.....  
.....

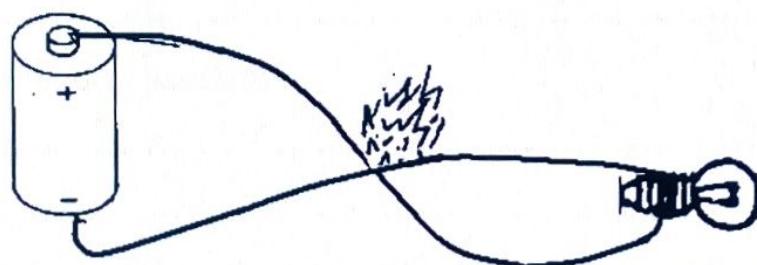
15. Why do fish allow a current of water to pass through their gills?

.....  
.....

16. Mention one harmful substance to the soil.

.....  
.....

a. Use the diagram below to answer questions 17 and 18.



17. What is represented by the diagram?

.....  
.....

18. Give one way the above can be dangerous.

.....  
.....

19. How can a mother prevent herself from getting burnt by a hot saucepan?

.....  
.....

20. Write TASO in full.

.....  
.....  
.....

21. Why does sugar placed in water disappear after some time?

.....  
.....

22. Which cattle disease is characterized by painful wounds in the mouth and between hooves, discharge of saliva, lameness?

.....  
.....

23. How is sound produced?

.....  
.....

24. In which part of the alimentary canal of a hen is food softened?

.....  
.....

25. Mention one disease spread by houseflies.

.....  
.....

26. Which part of the skeleton protects the lungs?

.....  
.....

27. Point out one human activity that can help in the control of the spread of cholera.

.....  
.....

28. Why are transparent objects, unable to form shadows?

.....  
.....

29. State the direction to which a bar magnet will rest if freely suspended.

.....  
.....

30. How is the prickly hair useful to a caterpillar?

.....  
.....



31. How is a clinical thermometer re-set?

.....  
.....

32. Mention one drug of dependence.

.....  
.....

33. In which type of blood vessel does the exchange of materials between the blood and its surrounding take place?

.....  
.....

34. Why does sand soil dry up shortly after it has rained?

.....  
.....

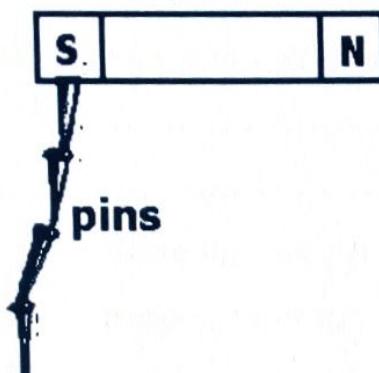
35. Which component of a VIP latrine lets out warm air?

.....  
.....

36. Why do spiders make webs?

.....  
.....

37. Identify the method of making magnet shown below.



38. Point out one factor that can lead to famine.

.....  
.....

39. Name one fruit vegetable.

.....  
.....

40. Why are tsetse flies infested areas dangerous for human settlement?

.....  
.....



## **SECTION B: 60 MARKS**

**Questions 41 to 55 carry four marks each**

- 41.** (a) Which goat product is used in the making of shoes?

.....  
.....

- (b) How can a crop farmer benefit from a goat farmer?

.....  
.....

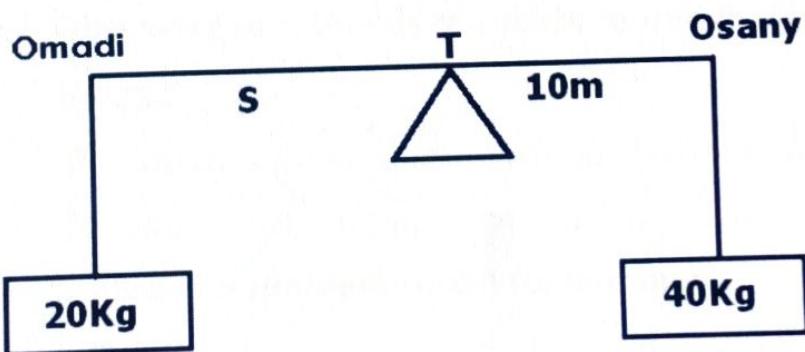
- (c) State the danger of allowing goats to roam without proper housing.

.....  
.....

- (d) What name is given to mammals with four stomachs?

.....  
.....

- 42.** Below is an example of a lever. Use it to answer question 42.



- (a) Name point T of the machine above.

.....

- (b) Calculate length S.

**(2 marks)**

(c) How far is Omadi from Osany?

.....  
.....

43. Bacteria in most cases are taken to be harmful to man. Today some bacteria have been found to be useful.

(a) Point out one way bacteria are harmful to man.

.....  
.....

(b) How can bacteria be useful to man?

(i) .....

(ii) .....

(b) Mention one group of bacteria that make soil more productive.

.....  
.....



44. (a) Give two exotic breeds of rabbits reared in Uganda today.

(i) .....

(ii) .....

(b) Outline two problems rabbit farmers meet.

(i) .....

.....  
.....  
.....

45. (a) What causes trachoma?

.....  
.....

(b) Which organ of the body is affected by trachoma?

.....  
.....

(c) How can the spread of trachoma be reduced in schools?

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

46. Complete the table below correctly.

Class of food	Source	Food value
.....	Beans, peas, eggs, etc	.....
carbohydrates	.....	energy
Vitamins and mineral salts	Fruits, green vegetables	.....

.....

47. (a) What are conductors of electricity?

.....  
.....

(b) Name one liquid conductor of electricity.

.....  
.....

(c) How does the use of electricity help in reducing air pollution?

.....  
.....

(d) Give one example of an electric appliance.

.....  
.....

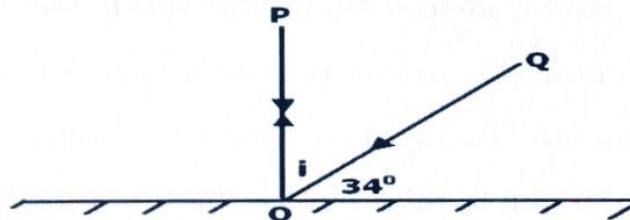
48. (a) What do the following worms feed on?

- i) tape worm .....
- ii) hook worm .....

(b) Give two animals from which we can get the tape worm.

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

**Below is a diagram showing reflection. Use it to answer question 49**



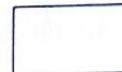
49. (a) Name ray OQ.

.....  
.....

(b) Calculate the size of angle i. (2 marks)

(c) State one law of reflection.

.....  
.....



50. (a) What role is played by the heart?

.....  
.....

(d) Through which blood vessel does deoxygenated blood reach the lungs?

.....  
.....

(e) Name one disease that attacks each of the following component of blood.

- (i) Red blood cell .....
- (ii) White blood cell .....

51. (a) Which gas is needed for burning to take place?

.....  
.....

(b) Name the process in living things that also needs the gas in above.

.....  
.....

(c) Why isn't it advisable to use water when putting out petrol fire?

.....  
.....

(d) Give a suitable substance for putting out petrol fires.

.....  
.....

52. Arrange the following processes in the right order of occurrence.  
fertilization , ovulation , conception , implantation

- (a) .....  
(b) .....  
(c) .....  
(d) .....

[ ]

53. Okotel plans to open a ranch.

(a) Give two characteristics of the cattle he should rear.

- (iii) .....  
.....  
(iii) .....

(b). Point out two examples of cattle he will rear.

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

54. Opeta's temperature was found to have risen by 3°C.

(a) What was Opeta's temperature? (2 marks)

.....

(b) What would be Opeta's temperature in °F? (2 marks)

.....

55. (a) What is excretion?

.....

.....

(b) Name any two waste products in urine.

(i) .....

(ii) .....

(c) Which organ is responsible for the removal of urine?

.....

.....



**END**