

# THE SIPRO PRE-MOCK EXAMINATIONS 2023

## SOCIAL STUDIES WITH RELIGIOUS EDUCATION

Time Allowed: 2 Hours 15 Minutes

Index No.

Random No.	Personal No.

Candidate's Name: \_\_\_\_\_

Candidate's Signature: \_\_\_\_\_

School Random No. \_\_\_\_\_

District ID: \_\_\_\_\_

**READ THE FOLLOWING INSTRUCTIONS  
CAREFULLY:**

1. This paper has two sections: A and B.
2. Section A has 40 questions (40 Marks).
3. Section B has 15 questions (60 Marks).
4. Attempt all questions in both sections. All answers to both sections A and B must be written in the spaces provided.
5. All answers must be written in blue or black ball point pens or ink. Only diagrams and graph work must be done in pencil.
6. Unnecessary alteration of work will lead to loss of marks.
7. Any handwriting that cannot be easily read may lead to loss of marks.
8. Do not fill anything in the boxes indicated: "FOR EXAMINER'S USE ONLY"

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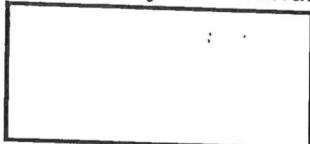
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## **SECTION A: 40 MARKS**

*Questions 1 to 40 carry one mark each.*

1. Name the major line of longitude that determines dates and days.
2. Mention any one way downwarped lakes like Lake Victoria can easily be identified.
3. How can the government of Uganda reduce child abuse practices?
4. Write any one domestic source of government revenue in Uganda.
5. Give one way school going children benefit from the zebra crossing.
6. In the space below, draw any one handicraft made from sisal.  


7. State any one factor that attracts human settlement in an area with many industries.
8. Give any one way cultural leaders promote development in their communities.
9. Name the winds responsible for rainfall in the summer season in Temperate Climate region of South Africa.
10. Give one reason why people should respect their culture.
11. State any one way brick making affects vegetation.
12. How can people in our community use their time well?
13. Mention any one way people benefit from recreational activities.
14. State any one advantage of subsistence farming.
15. What title is given to the head of Uganda Police Force?
16. Name the basic need of man provided by builders in the community.



17. Give any **one** way slaves were obtained in Africa during the Triangular Trade.

18. Mention any **one** example of agreements the British colonists signed to establish their rule in Uganda.

19. On which kind of goods is excise duty charged in Uganda?

20. Which forces are marked with letter K in the diagram below:



21. State any **one** cause of rapid population growth in Uganda.

22. How does the East African Community (EAC) benefit member states?

23. Why was Egypt interested in colonising Uganda?

24. How have waterfalls promoted the development of the energy sector in Africa?

25. State any **one** effect of the revolution of the earth.

26. Name the water body that washes the West African coast.

27. Name the map symbol drawn below.



28. State any **one** role played by the Legislative arm of a democratic government.

29. Mention **one** advantage of terracing in mountainous areas of Uganda.

30. How does the growing of pyrethrum contribute to the health sector?

31. Why is Africa regarded as the cradeland of human race?



32. In which way did the explorers lead to the coming of missionaries to Africa?

33. State the reason why Liberia survived European colonisation.

34. Mention any one tribe that belongs to the River-Lake Nilotes in East Africa.

35. Write any one organ of the African Union.

In each of the questions 36 to 40, answer EITHER Christianity OR Islamic question but not both. No Marks shall be awarded to a candidate who attempts both alternatives in a particular number.

36. Either: How is Easter Sunday important in Christianity?

Or: How is Idd-el-fitr important in Islam?

37. Either: Give one way in which the church uses the alms collected.

Or: How do Muslims benefit from paying Zakat.

38. Either: Which message was preached by Prophet John the Baptist?

Or: Which Holy book was received by Prophet Dauda in Islam?

39. Either: How is faith in Jesus important to Christians?

Or: How is faith in Allah important to a Muslim?

40. Either: "I am who I am," Who said the above words according to the Bible?

Or: "There is no god but Allah," Who said the above words?

### SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each.

41(a) Mention the title that was given to the Kings of Bunyoro-Kitara Kingdom.

(b) Give one reason why Toro broke away from Bunyoro Kingdom.

(c) State any two economic contributions of the Bachwezi in Uganda.

(i)

(ii)



42(a) Which type of forests exists as a result of afforestation?

---

(b) Mention any one characteristic of trees found in the type of forests mentioned above.

---

(c) How does vegetation support human activities?

---

(d) Mention any one factor that affects vegetation distribution.

43. Mr. Bakuku earns shillings 2,000,000 and spends it as follows;

- i) House rent sh. 450,000
- ii) School fees sh 600,000
- iii) Bills sh. 200,000
- iv) Transport sh. 150,000
- v) Savings sh. 600,000

(a) Calculate Mr. Bakuku's total expenditure.

---

(b) Which type of budget does Mr. Bakuku prepare?

---

(c) Draw the type of budget prepared by Mr. Bakuku.

---

(d) Which Ministry in Uganda prepares a national budget?



44(a) In which African country is Upper Nile located?

(b) Complete the table below.

River	Multi-purpose river project
	Kariba dam
River Volta	
	Sennar dam

45(a) Mention the system of governance used in Uganda today.

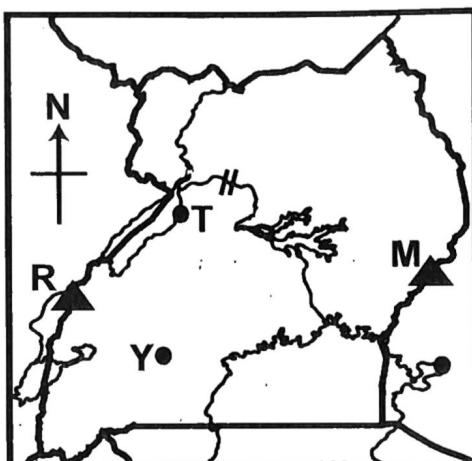
(b) State any two advantages of the above mentioned system of government.

(i)

(ii)

(c) In which one way is democracy exercised in Uganda?

46. Study the sketch map of Uganda below and use it to answer the questions that follow.



(a) Name the inland port marked with letter T.

(b) Which stone age site is marked Y?

(c) How was the mountain marked with letter M formed?

(d) Give one reason why the slopes of the mountain marked M are densely populated.



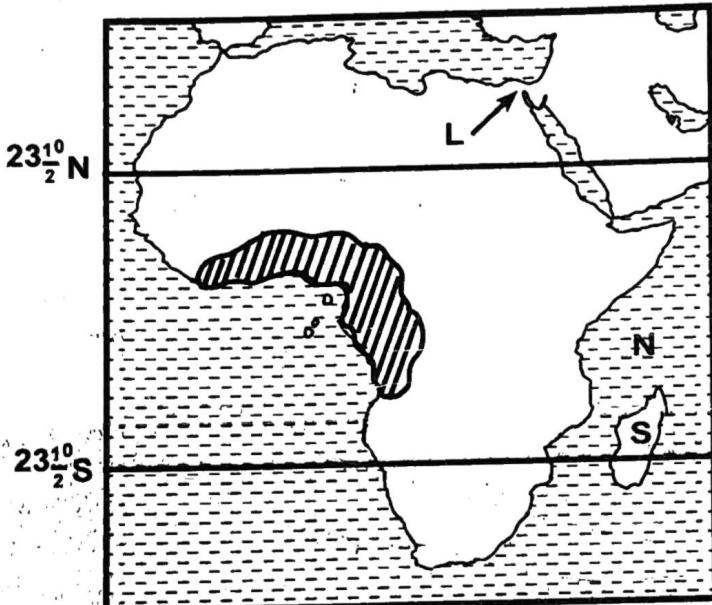
47(a) Mention any one example of traditional means of communication.

(b) Give two advantages of using televisions as a means of communication.

- (i) \_\_\_\_\_  
(ii) \_\_\_\_\_

(c) Why are newspapers not widely used in Uganda?

48. Study the sketch map of Africa below and use it to answer the questions that follow.



(a) What general name is given to the region located between lines of latitude marked  $23\frac{1}{2}^{\circ}\text{N}$  and  $23\frac{1}{2}^{\circ}\text{S}$ ?

(b) Apart from the Island country marked S, name any other Island country found in the ocean marked N.

(c) State any one region why perennial crops grow well in the shaded climatic zone.

(d) Why was the water channel marked L built?



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49(a) What was the Long Distance Trade?

(b) Why did people use barter trade during the Long Distance Trade at first?

(c) State any two effects of the Long Distance trade in East Africa.

- (i) \_\_\_\_\_  
(ii) \_\_\_\_\_

50(a) What role was played by Ludwig Krapf towards the spread of Christianity in East Africa?

(b) In which one way did the missionaries solve the challenge of poor communication?

(c) How did Africans support the work of the missionaries?

(d) Name any one practical work that was taught by the missionaries in Uganda.

In each of the questions 51 to 55, answer EITHER Christianity OR Islamic questions in a number but not both. No marks shall be awarded to a candidate who attempts both alternatives in a particular number.

51. Either:

(a) Write the two Greatest Commandments as summarised by Jesus.

- (i) \_\_\_\_\_  
(ii) \_\_\_\_\_

(b) Why did God give the Israelites the Ten Commandments?

(c) Name the material where the Ten Commandments were written.

Or:

(a) Write the greatest pillar of Islam.



(b) Give any two benefits a Muslim gets from observing the pillars of Islam.

- (i) \_\_\_\_\_  
(ii) \_\_\_\_\_



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(c) Why did Prophet Ibrahim build the Kaaba?

---

52. Either:

"But look! The one who betrays me is here at the table with me! The son of man will die as God has decided." (Luke 22: 21-22)

(a) Who said these words?

---

(b) In which event were the above words said?

---

(c) Write any one Sacrament that was initiated during the event mentioned in

(a) above.

---

(d) Why do some Christians betray their friends?

---

Or:

"The Prophet of Allah said the sin I fear most for you is the lesser polytheism."

(Al-Tirmidhi H. 5334)

(a) Who narrated the Hadith above?

---

(b) Name the Prophet of Allah who said the above words.

---

(c) What does lesser polytheism mean according to the Prophet of Allah?

---

(d) Why do some Muslims betray their friends?

---

53. Either:-

(a) Which religion was practised in Africa before the introduction of Islam and Christianity?

---

(b) In which two ways do believers in the above mentioned religion remember their dead?

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(c) Mention any one practice of the believers of the religion named in (a) above that Christians consider as evil.

---



**Or:**

- (a) Which religion was practised in Africa before the introduction of Islam and Christianity?
- 
- (b) In which two ways do believers of the above mentioned religion remember their dead?
- 

(i)

- (c) Mention any one practice in the religion named in (a) above that Muslims consider as evil.
- 

**54. Either:**

- (a) Mention the helper Jesus Christ promised His apostles.
- 
- (b) On which day did the apostles of Jesus receive the promised helper?
- 
- (c) In which one way did the promised helper appear to the apostles of Jesus on the above mentioned day?
- 
- (d) Why did Jesus send the helper to His apostles?
- 

**Or:**

- (a) What name is given to Prophet Muhammad's rightly guided successors?
- 
- (b) Name the first rightly guided successor of Prophet Muhammad (PBUH)
- 
- (c) How did Prophet Muhammad's rightly guided successors benefit Muslims?
- (i)
- 
- (ii)
- 

**55. For both:**

- (a) Give any two reasons why people pray.

(i)

(ii)

- (b) Mention any two ways God / Allah communicated to His messengers/ Prophets.

(i)

(ii)



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## ENGLISH

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### READ THE FOLLOWING INSTRUCTIONS

#### CAREFULLY:

1. This paper has two sections: A and B.
2. Section A, sub-section I has 30 questions (30 marks) Sub-section II has 20 questions (20 marks).
3. Section B has 5 questions (50 Marks).
4. Attempt all questions in both sections. All answers to both sections A and B must be written in the spaces provided.
5. All answers must be written in blue or black ball point pens or ink. Only diagrams and graph work must be done in pencil.
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## **SECTION A: 50 MARKS**

### **Sub-Section I**

**In each of the questions 1 to 5, fill the blank space with a suitable word.**

1. Don't waste money \_\_\_\_\_ the shoes you don't need.
2. You need a knife to cut that bar of soap into smaller \_\_\_\_\_.
3. Okello \_\_\_\_\_ been weeding since morning.
4. They will \_\_\_\_\_ swimming on Saturday.
5. Mrs Mwangusha looks smart in \_\_\_\_\_ blue skirt.

**In each of the questions 6 to 15, use the correct form of the word given in brackets to complete the sentence.**

6. Mr. Mingo \_\_\_\_\_ the books after lunch every Saturday. (mark)
7. She will put all her property on \_\_\_\_\_ next week. (sell)
8. We were told not to \_\_\_\_\_ the animals. (threat)
9. They want to know who was the \_\_\_\_\_ in the race. (eleven)
10. Kyamate \_\_\_\_\_ down and welcomed the visitors. (kneel)
11. My aunt is a health \_\_\_\_\_. (work)
12. Seith and I \_\_\_\_\_ making a kite. (be)
13. Avoid using \_\_\_\_\_ language. (abuse)
14. We \_\_\_\_\_ asked for permission to use the library. (polite)
15. Two of the \_\_\_\_\_ are white. (kitten)

**In each of the questions 16 and 17, use the words in a sentence to show that you know the difference in their meaning.**

16. bark: \_\_\_\_\_
17. back: \_\_\_\_\_

**In each of the questions 18 and 19, write the plural form of the given word.**

18. dress \_\_\_\_\_
19. stationer's \_\_\_\_\_

**In each of the questions 20 and 21, rewrite the sentence giving the opposite form of the underlined word.**

20. The lid of the bottle is tight.  
\_\_\_\_\_
21. Some children don't want to sleep during the night.  
\_\_\_\_\_



**In each of the questions 22 and 24, write the given short form in full.**

22. he's \_\_\_\_\_

23. DMC \_\_\_\_\_

**In each of the questions 25 and 26, arrange the given words in alphabetical order.**

25. right, left, cross , traffic

26. sister, brother , son , broom

**In each of the questions 27 and 28, rearrange the given words to form a meaningful sentence.**

27. dirty waiter's is apron The.

28. long How stick the is?

**In each of the questions 29 and 30, rewrite the sentence giving one word for the underlined group of words.**

29. The P.4 children are in need of water.

30. Abdul's goats are eating grass that is growing in a field beside the pond.

#### **Sub-section II**

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

31. It is necessary for Muntu to display the posters. (*Rewrite the sentence using: ..... needs .....*)

32. You have to set the table before serving. (*Rewrite the sentence beginning: One .....*)

33. Immediately the phone rang, Ausi moved out. (*Rewrite the sentence using:..... as soon as.....*)

34. It is very easy to order food on line. (*Rewrite the sentence beginning: How.....*)



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35. Don't befriend careless pupils. Don't dodge lessons. (Rewrite the sentence using:.....and neither.....)

36. We are anxiously waiting for the opening of that restaurant. (Rewrite the sentence using:.....looking forward.....)

37. The blue pen is expensive. My sister gave it to me. (Rewrite as one sentence using:.....which.....)

38. Mukasa drove the school van carefully. (Rewrite the sentence beginning: The.....)

39. Perform well if you don't want your mother to be angry. (Rewrite the sentence using:.....or else.....)

40. Kato was appreciated. Nakato was appreciated. (Rewrite as one sentence beginning: Both.....)

41. "Why didn't you post the letter?" Mubiru asked Jade. (Rewrite the sentence using: .....inquired.....)

42. There are very few numbers in the directory. (Rewrite the sentence using:.....hardly.....)

43. If Kwizera fails to pay, I shall take my phone. (Rewrite the sentence using:.....unless.....)

44. The letter is in the desk. The letter is under the chair. (Rewrite the sentences as one using:.....either.....)

45. She completed the work. She did not hand it in for marking. (Rewrite as one sentence using:.....but.....)



46. The matron will wake you up, \_\_? (Rewrite and supply a suitable question to fit the sentence.)
47. We added a lot of water and soup became tasteless. (Rewrite the sentence beginning: The....., the.....)
48. January might be a sunny month. (Rewrite the sentence using: .....likely.....)
49. I want to perform better. I have to be attentive. (Rewrite as one sentence using: .....in order.....)
- 
50. It is bad to share syringes. (Rewrite the sentence beginning: Sharing.....)

### SECTION B: 50 MARKS

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

It was holiday time and most of the children in the neighbourhood had come back from school. We had a lot of time to play in the evening. Our favorite game was hide and seek. This game became boring with time as we knew all the hiding places.

One day, we decided to make vehicles. We wanted to see who would make a better one. I wanted to win this. I moved to Simba Garage. I asked a mechanic to give me the old spokes. The mechanic happily allowed me to pick them from the heap of rubbish. I also needed some rubber bands to bind the spokes. The mechanic gave me an old tyre which I cut. I also needed wheels for my car. I knew the old slippers would serve that purpose. I cut some and cut out the wheels.

Since I had got all the materials that I needed, I sat at home and made a vehicle. I made it in two days. I then checked on my friends to see how they had gone with theirs. My friend Lutu had made hers out of a jerrycan. It looked beautiful though mine was stronger. Jaco had made his vehicle out of a box. Beka had failed to make his because he did not get the materials. We proudly drove our toy vehicles around the village. All the children admired them.

#### Questions:

- a) When did the children play?
- 
- b) Which game did the children enjoy playing?
- 



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c) Why did the children lose interest in the game?

---

---

d) Where did the writer get the materials?

---

---

e) Where were the spokes?

---

---

f) Why was the writer's car better than Lutu's?

---

---

g) How many children made toy cars?

---

---

h) Write another word or group of words to mean the same as the underlined in ones the passage:

(i) heap \_\_\_\_\_

(ii) needed \_\_\_\_\_

i) What is the passage about?

52. The sentences below are in a wrong order. Rearrange them to make a meaningful story.

a) They grew cash crops and food crops.

b) We learnt of this village from our teacher.

c) These people also had plenty of milk.

d) Our teacher, Mr. Jade was born in this village.

e) This land forced the people of the area to become farmers.

f) This milk was from the large number of cows and goats reared.

g) Zaha was the wonderful village.

h) He always talked good of this village.

i) This good talk was about the fertile land.

j) With all this, we agreed that it was a good village.

---

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---

---

---

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---



53. Mrs Tuleke organised a party last week. She had to invite people to attend the party. Below is a table showing how she invited the guests. Study and then use it to answer, in full sentences, the questions that follow.

NAME OF GUEST	INVITATION BY SMS	INVITATION BY EMAIL	INVITATION BY PHONE CALL	INVITATION BY CARD
TURYOMWE GARVIN				✓
NDALA TUSI	✓			
MUSAMI GOGO		✓		
TWITA FRIDAY		✓		
ALELO PATI	✓			✓
NANDI FACO			✓	
METON CALUS	✓			
AGILO KERI			✓	
PROMAX ITEL				✓
NANDI ROGERS		✓		

**Questions:**

a) Who organised the party?

b) What is the information about?

c) How many invitation cards did she send?

d) Who received the invitation twice?

e) How did Twita Friday know about the party?



f) Who were called by Mrs Tuleke?

g) When was the party held?

h) Which people were invited through email?

i) How many people were invited?

j) Why do you think Mrs Tuleke used many ways to invite the guests?

54. The pictures below tell a complete story. Study them carefully and write one sentence about each to describe what is happening there.

You may use these words to guide you:

trying on	sew	happy	seamstress	piece of cloth	buy	measure	cut
-----------	-----	-------	------------	----------------	-----	---------	-----



Picture A: \_\_\_\_\_

Picture B: \_\_\_\_\_

Picture C: \_\_\_\_\_

Picture D: \_\_\_\_\_

Picture E: \_\_\_\_\_

Picture F: \_\_\_\_\_

g) What did the woman want the seamstress to make?

\_\_\_\_\_

h) What is the person in picture C using to cut the cloth?

\_\_\_\_\_

i) Why do you think the woman looked happy in picture F?

\_\_\_\_\_

j) Suggest a suitable title to the story.

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

Hate me not  
For not visiting you often  
I'm busy looking for timber  
Because trees are no more  
In Kongelo Forest.

Hate me not  
For not helping you yesterday  
I was busy removing rubbish from the trenches  
So that water can flow properly  
In Hutu Village.



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Hate me not  
For not fulfilling my promise  
Of getting papyrus from the swamp  
Because there wasn't any  
When I visited the swamp yesterday

*Ariella*

**Questions:**

- a) What is keeping the writer busy in stanza one?

---

---

- b) Where did the writer look for trees?

---

- c) When was the rubbish removed?

---

- d) Where was the rubbish?

---

- e) In which village are the trenches?

---

- f) What was the promise?

---

- g) Why didn't the writer get the papyrus?

---

- h) When did the writer go to the swamp?

---

- i) How many stanzas are in the poem?

---

- j) Who wrote the poem?

---



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**SECTION A: 40 MARKS**

**Questions 1 to 20 carry two marks each**

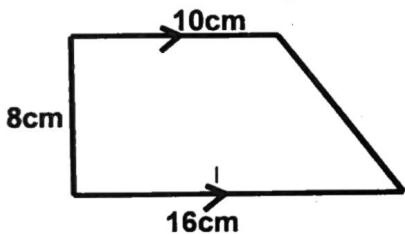
1. Work out:  $3 \times 4$

2. Express 139 in Roman Numerals.

3. In a class of 120 pupils, 30% of the children are below 13 years of age. How many children are above 13 years?

4. Find the sum of the first five square numbers.

5. Find the area of the figure below.



6. Draw an angle of  $80^\circ$  in the space below.



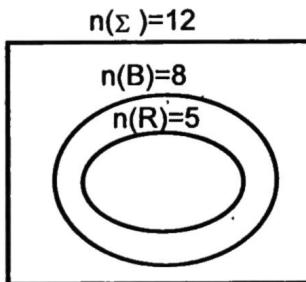
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P.7 MATHEMATICS PRE-MOCK EXAMINATIONS 2023

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7. How many days are in 32 weeks?
8. The ratio of girls to boys at Kagoma Primary School is 3:5. If there are 78 girls less than the boys, how many pupils are boys?
9. Given that the mean of  $P$ ,  $P+3$ ,  $P+5$ ,  $P+7$ , 10 and 11 is 48. Find the value of  $P$ .
10. Find the Greatest Common Factor of 6, 8 and 24.
11. The diagram below shows the number of pupils who eat beans (B) and rice (R).



How many pupils do not eat beans?



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P.7 MATHEMATICS PRE-MOCK EXAMINATIONS 2023

IGNITE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAS, TEACHER'S GUIDES & PUPIL'S COMPANIONS.



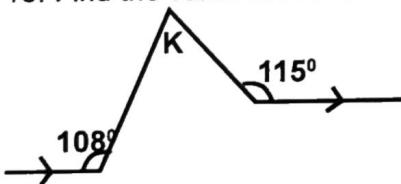
12. How many 200g packets of salt can be obtained from  $2\frac{4}{5}$  kg?

13. Simplify  $3 + 5 = \underline{\hspace{2cm}}$  (finite 7) using a dial.

14. A trader bought bunches of matoke worth sh. 1,400,000 at sh. 35,000 each.  
How many **bunches** did he buy?

15. Work out:  $3^{2y} = 243$

16. Find the value of K in the diagram below.



17. A motorist drove at a steady speed of 100 km/h for 4 hours. On the return journey, he slowed down to 80km/h. How long did the return journey take?
18. Kato tossed a dice once. What is the probability that a composite number appeared on top?
19. A man bought an article and sold it at sh. 58,000 making a loss of sh. 3,500. At what price did he buy the article?
20. Simplify:  $2(4p - 3) - 3(p+4)$

### SECTION B: 60 MARKS

Marks for each part of the question are indicated in the brackets.

21. A square piece of land of side **8 metres** has the same area with a rectangular flower bed of **width 4m**.
- a) Calculate the **length** of the flower bed.

(03 marks)



b) A wire is wound on a log of diameter 28m twelve times. Calculate the length of the wire.

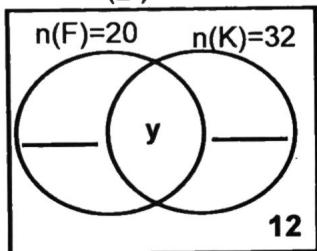
(03 marks)

22. At Pioneer Junior School, all pupils in P.7 speak English (E), 20 speak French (F), 32 speak Kiswahili (K). Y pupils speak all the three languages.

12 pupils speak only one language.

a) Complete the venn diagram using the given information.

$$n(\Sigma) = 60$$



(02 marks)

b) Find the value of y.

(02 marks)

c) What is the probability that a pupil picked at random speaks only one language?

(01 mark)



23. The table below shows the uniform charge of a certain school. Study and use it to answer the questions that follow.

Item	BOY	GIRL
school uniform	sh. 35,000	sh. 30,000
sweater	sh. 25,000	sh. 25,000
casual wear	sh. 18,000	sh. 15,000
sports wear	sh. 20,000	sh. 20,000

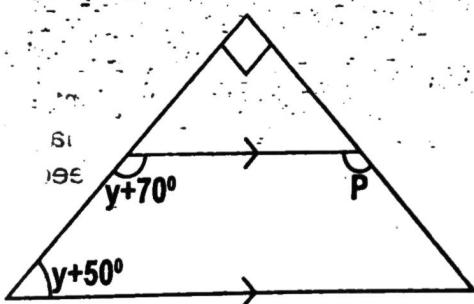
a) If a parent has two boys and three girls, how much does he spend on uniform?

(03 marks)

b) The cost of 5 balls is sh. 500,000. The cost of 10 desks is equal to the cost of 15 such balls. Find the cost of 15 desks of the same kind at the same rate.

(03 marks)

24. Study the figure below and answer the questions that follow.



a) Find the value of y.

(03 marks)

b) Calculate the interior angle sum of a regular polygon with 15 sides.

(02 marks)

25. a) Convert  $214_{\text{five}}$  to decimal system.

(02 marks)

b) Work out:

$$\begin{array}{r} 2 \ 3 \ 2_{\text{five}} \\ - 1 \ 3 \ 4_{\text{five}} \\ \hline \end{array}$$

(02 marks)

26. A coach bus that left Mbarara at 9:30am moved at a speed of 85km/h arrived at Masaka at 11:30am. The bus stayed for 30 minutes at Masaka then it continued to Kampala covering a distance of 98km at a speed of 49km/h.

a) How long is Kampala from Mbarara?

(02 marks)



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b) At what time did the bus arrive in Kampala?

27. Four children; Maria, Gabbie, Yvonne and Michelle shared sweets in the ratio 3:1:4:2. If Yvonne got 24 sweets;

(02 marks)

a) How many sweets did they share altogether?

b) How many more sweets did Maria get than Michelle?

(03 marks)

28. A box contains 150 pieces of chalk. 8 boxes are packed into a medium sized rectangular box and 10 medium size are packed into a carton.

a) How many pieces of chalk are in the carton?

(03 marks)

b) If the trader charges sh 4000 a box, what will it cost two medium sizes of rectangular boxes?

(03 marks)

(02 marks)



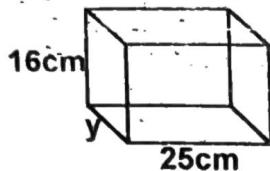
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29. The capacity of the rectangular tank below is 3.2 litres.



a) Find the value of  $y$ .

(03 marks)

b) Work out the area of the top and bottom faces.

(02 marks)

30. a) Express 72 as a product of its prime factors.

(02 marks)

b) The LCM of two numbers is 60 and the Highest Common Factor is 5. If one of the numbers is 20, what is the second number?

(03 marks)



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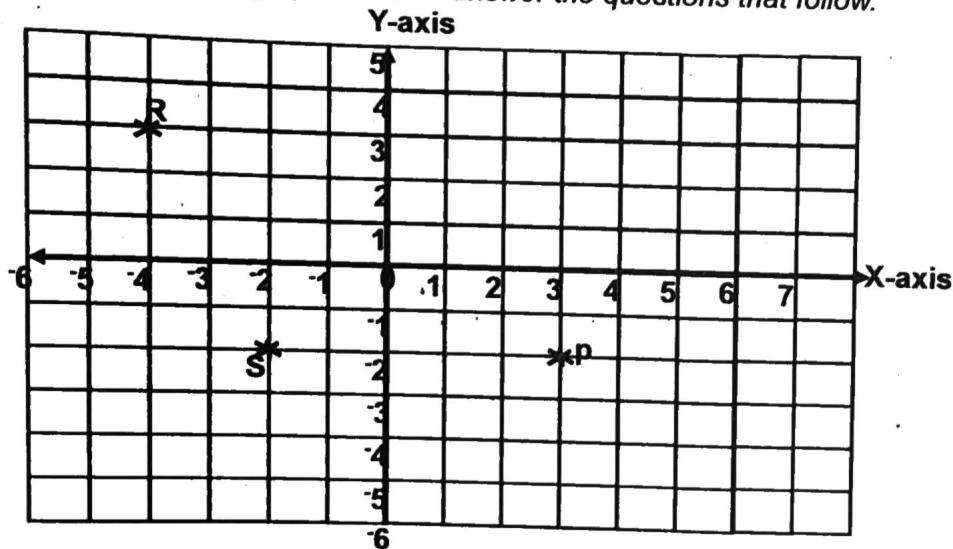
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31.a) Using a pair of compasses, a pencil and a ruler only, construct a rhombus ABCD of side 5cm with angle ABC =  $60^{\circ}$

b) Measure the length of the diagonal BD. (04 marks)

32. Use the co-ordinate graph below to answer the questions that follow. (01 mark)



a) Write down the co-ordinates of the points:

R \_\_\_\_\_

S \_\_\_\_\_

P \_\_\_\_\_

(03marks)

b) Locate and plot point Q on the graph such that the figure formed by the four points is a parallelogram.

(02marks)



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# THE SIPRO PRE-MOCK EXAMINATIONS 2023

## INTEGRATED SCIENCE

Time Allowed: 2 Hours 15 Minutes

Index No.

Random No.	Personal No.

Candidate's Name: \_\_\_\_\_

Candidate's Signature: \_\_\_\_\_

School Random No.: \_\_\_\_\_

District ID: \_\_\_\_\_

**READ THE FOLLOWING INSTRUCTIONS  
CAREFULLY:**

1. This paper has two sections: A and B.
2. Section A has 40 questions (40 Marks).
3. Section B has 15 questions (60 Marks).
4. Attempt all questions in both sections. All answers to both sections A and B must be written in the spaces provided.
5. All answers must be written in blue or black ball point pens or ink. Only diagrams and graph work must be done in pencil.
6. Unnecessary alteration of work will lead to loss of marks.
7. Any handwriting that cannot be easily read may lead to loss of marks.
8. Do not fill anything in the boxes indicated:  
**"FOR EXAMINER'S USE ONLY"**

**For Examiner's Use Only:**

PAGES	MARKS	INITIALS
Page 1		
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Page 8		
Page 9		
Total		

**Please turn over**



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## **SECTION A: 40 MARKS**

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

1. Name the part of a flowering plant that stores seeds.

---

2. State any **one** factor to be considered when selecting a site for building a house.

---

3. How are carbohydrates important in the human body?

---

4. Give any **one** way conduction can be important at home.

---

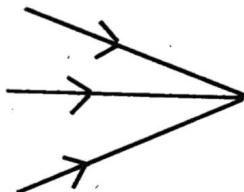
5. Name the goat management practice carried out using a burdizzo.

---

6. State any **one** way in which cholera can be controlled among school children.

---

**The diagram below shows a beam of light. Study and use it to answer question 7.**



7. Name the type of beam shown in the diagram above.

---

8. Give any **one** role of a School Health Committee in the promotion of Primary Health Care in a school.

---

9. Name the force of attraction that exists between molecules of different substances.

---

10. State **one** effect of scurvy to the oral health of a person.

---

11. Write any **one** danger of alcohol consumption to a family.

---




12. How does untreated Gonorrhoea cause barrenness in women?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
13. What should be done by engineers constructing a railway line to manage the effects of expansion on hot days?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
14. Why is coffee grouped under perennial crops?  
\_\_\_\_\_  
\_\_\_\_\_
15. State any one way preserving food promotes food security at home.  
\_\_\_\_\_  
\_\_\_\_\_
16. Name the vector which spreads bilharziasis to people.  
\_\_\_\_\_  
\_\_\_\_\_

The diagram below shows one of the management practices in poultry rearing. Use it to answer questions 17 and 18.



17. Name the management practice shown in the diagram above.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
18. How is the above practice important to a poultry farmer?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
19. Which type of weather is good for planting crops?  
\_\_\_\_\_  
\_\_\_\_\_
20. Give one way in which community members can reduce accidents on their roads.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
21. Name the human body organ which regulates blood sugar levels.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



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22. Give any **one** way the light produced by a bulb in a simple electric circuit can be increased.

---

23. State any **one** way in which adolescents can avoid catching HIV/AIDS.

---

24. Give **one** importance of sorting clothes before washing them.

---

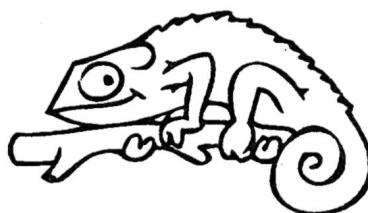
25. How does slashing of tall grass in the compound control the spread of malaria?

---

26. How are muscles connected to bones in the human skeleton?

---

**The diagram below is of a vertebrate. Study and use it to answer questions 27 and 28.**



27. To which class of vertebrates does the animal above belong?

---

28. How are the eggs of the animal above fertilised?

---

29. In which state of matter does sound travel fastest?

---

30. Give the reason why ventilators are put on a higher level than windows.

---

31. Mention any **one** way human eyes can be kept in a good working condition.

---

32. Give **one** way beans and conifers are similar in terms of reproduction.

---

33. State **one** way of keeping an ordinary pit latrine free from houseflies and cockroaches.

---



34. Which characteristic of living things protects internal body organs from damage by poisonous waste materials?  
\_\_\_\_\_  
\_\_\_\_\_
35. Write one activity that a Primary Seven candidate can do to conserve the environment.  
\_\_\_\_\_  
\_\_\_\_\_
36. How does a fuse protect electric devices from being damaged by high voltage?  
\_\_\_\_\_  
\_\_\_\_\_
37. State one way oxygen is important during seed germination.  
\_\_\_\_\_  
\_\_\_\_\_
38. How does hookworm infestation lead to anaemia in human beings?  
\_\_\_\_\_  
\_\_\_\_\_
39. In which way does the keeping of drugs out of children's reach prevent child poisoning?  
\_\_\_\_\_  
\_\_\_\_\_
40. Name the natural shadow formed when the moon blocks sunlight reaching the earth.  
\_\_\_\_\_  
\_\_\_\_\_

#### SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each.

41(a) Give an example of each of the following changes;

(i) chemical change \_\_\_\_\_

(ii) physical change \_\_\_\_\_

(iii) biological change \_\_\_\_\_

(b) Mention one characteristic of chemical changes.  
\_\_\_\_\_  
\_\_\_\_\_

42(a) Give the meaning of the term an energy resource.  
\_\_\_\_\_  
\_\_\_\_\_

(b) Name one energy resource that provides wastes for making biogas fuel.  
\_\_\_\_\_  
\_\_\_\_\_



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(c) Name the equipment people use in the making of biogas.

(d) State any one way people use biogas.

43(a) Mention any two examples of viral cattle diseases.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(b) Apart from death of the animal, state two other effects of cattle diseases on a cattle farm.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

44(a) How are fungi similar to bacteria in the way they feed?

\_\_\_\_\_

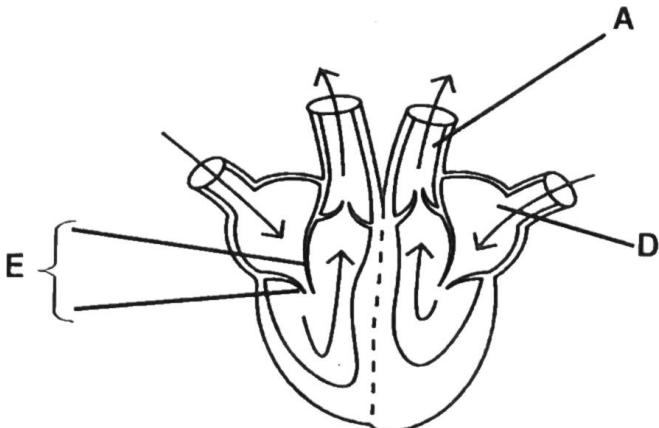
(b) Name any two examples of useful fungi.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(c) Give any one way in which bacteria are useful to people.

45. The diagram below is of a human heart. Use it to answer the questions that follow.



(a) Name parts labelled E and C.

(i) E \_\_\_\_\_

(ii) C \_\_\_\_\_



(b) How is blood carried in blood vessel A similar to the blood carried by blood vessel D?

---

---

(c) Why is the left ventricular wall of the heart thicker than that of the right ventricular one?

---

46(a) Give any two advantages of using electricity for doing work.

- (i) \_\_\_\_\_  
(ii) \_\_\_\_\_

(b) State two ways the use of hydroelectricity can be dangerous to people.

- (i) \_\_\_\_\_  
(ii) \_\_\_\_\_

47. The diagram below shows an item made from soil. Use it to answer the questions that follow.



(a) Identify the type of soil used to make the item shown in the diagram above.

(b) Name the characteristic of the type of soil you have named in (a) above which makes it suitable for making such items.

(c) Apart from covering, give one other way of preventing contamination of water kept in the item above.

(d) State any one way people care for the above drawn item.



**48(a) Mention any two examples of drugs of dependency.**

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

**(b) State any two effects of drugs of dependency to the human body.**

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

**49. The table below shows terms used in human reproduction in X and their meaning in Y. Match them correctly.**

X	Y
ovulation	union of male and female gametes.
fertilisation	release of mature ova from the ovaries.
implantation	successful fertilisation
conception	attachment of the zygote on the walls of the uterus.

(i) ovulation \_\_\_\_\_

(ii) fertilisation \_\_\_\_\_

(iii) implantation \_\_\_\_\_

(iv) conception \_\_\_\_\_

**50(a) Give any two ways plants benefit from the process of seed dispersal.**

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

**(b) How is a blackjack fruit adapted to animal dispersal?**

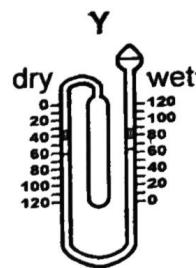
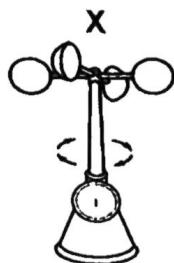
\_\_\_\_\_

**(c) State the type of weather which enables explosive mechanism to occur in a bean pod.**

\_\_\_\_\_



51. The diagrams below are of two weather instruments. Study and use them to answer the questions that follow.



(a) Identify the weather instruments labelled with letters X and Y.

(i) X \_\_\_\_\_

(ii) Y \_\_\_\_\_

(b) State the role of instrument X at a weather station.

\_\_\_\_\_

(c) How does one care for instrument Y after use at a weather station?

\_\_\_\_\_

52(a) Write any two ways friction is a nuisance force.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(b) State two steps taken to reduce friction in moving parts of a machine.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

53(a) Name the crop growing practice where a farmer grows different types of crops on the same piece of land in the same season.

(b) Give any two advantages of the practice mentioned in (a) above.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(c) Write any one problem that affects crop growing in the garden.

\_\_\_\_\_



54(a) Give the meaning of the term an echo.

---

---

(b) Mention any two groups of people that use echoes during their work.

- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_

(c) How does putting of soft porous boards in cinemas help to control echoes?

---

---

55(a) You are provided with;

**Water, a glass cup and a paper.**

Arrange them in a diagram to show that air exerts pressure. (Indicate the air pressure on your diagram) - 2 marks.

(b) Mention two activities done using the property of air illustrated above.

- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_



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