

HOME SCHOOLING MATERIAL

PRIMARY

7

PASS PLE

YOUR GUIDE TO A BETTER LIFE THROUGH EDUCATION

ANSWERS TO LAST WEEK'S EXAM (P ENG 007)

SECTION A

- | | | | |
|---------------|------------------|-----------------|-------------|
| 1. mature | done | 8. information | 12. niece |
| 2. accountant | 5. pronunciation | 9. wisely | 13. neither |
| 3. hidden | 6. imaginary | 10. calves | 14. since |
| 4. would have | 7. funnier | 11. pedestrians | 15. flock |
16. I had paid fees when schools closed. / When schools closed, I had paid fees.
17. We are learning from the television.
18. Why did you buy the laptop?
19. Car, care, carpenter, carry
20. Lock, lockdown, locked, locking
21. Automated Teller Machine
22. Closed Circuit Television
23. Short Message Service
24. The volcanoes may erupt anytime.
25. The lice may be found in a dirty blanket.
26. Did the taxi-drivers walk to parliament?
27. permanent
28. success
29. My Irish potatoes took a fortnight to sprout.
30. The smart phone thief was treated mercilessly.
31. The application was written by my sister.
32. Baruli is going to Kampala tomorrow.
33. Our elder sister was such a good technician that she repaired the laptop easily.
34. The more books I read, the wiser I became.
35. Pande baked some bricks so as to make some money to pay school fees.
36. Barigye asked if all the corona virus suspects would be quarantined that day.
37. Although he is wise, many people don't respect him.
38. That girl will land in trouble unless she checks her behavior.
39. This is the boy whose father helped the accident victim.
40. A friend of mine has gone to test for corona virus.
41. No sooner had Abu eaten the berries than he felt stomachache.
42. Our neighbor is too proud to greet anyone.
43. My laptop was stolen from the car.
44. Kewaza went to the garden in order to plant onions.
45. How skilled Kato is at milking goats.
46. Do you have any information about carpentry and tailoring?
47. If Kule hadn't had a video camera, he wouldn't have covered the scientific wedding function.
48. George asked, "Have you written the letter?"
49. While I was riding to beat curfew time, I fell off my bicycle.
50. I read an interesting small book about corona virus.

SECTION B

51. (a) Good afternoon Dralega.
(b) Where are you rushing to?
(c) Why are you going there?/What are you going to do there?
(d) When did you know about it?
(e) Have you reported to police?
(f) Where were you coming from?
(g) Where were you?
(h) What were you doing?
(i) Don't you need to report the loss to police?
(j) How will the report to the bank help?
52. 10, 2, 7, 4, 9, 3, 5, 6, 8, 1.
53. (1) The story is about Moses.
(2) The distance he moved on foot was twenty-five kilometres long.
(3) Moses would run to school daily.
(4) Walking has replaced running in his old age.
(5) Fast walking is important to someone in that it supplies more oxygen to the lungs and heat plus strengthening the bones and muscles.
(6) (a) surprised/amazed
(b) walked
(7) hiking, cycling, jogging
(8) His target is to walk twenty-five kilometres in thirty minutes.
(9) Moses is planning "old men" association to help fight old age
54. (a) (1) Maria's timetable is displayed.
(2) She dips cows on Thursday.
(3) Maria takes two hours at radio lessons.
(4) She does chores to help her parents/as a hobby/it is her role.
(5) She picks coffee on Saturday between 10:am and 3:00pm.
(6) Her shortest activity is netball practice.
(b) (1) He cleans the pens to keep them clean/to keep clean, healthy goats.
(2) He grazes the goats in fresh fodder.
(3) I think he keeps goats in order to get money/milk/meat.
(4) Chevon
55. (1) children
(2) trouble
(3) guardian
(4) chores
(5) child
(6) duty
(7) act
(8) blaming
(9) ought
(10) parents

ENGLISH (P ENG 008)

THE TEACHERS



EDWARD TINDIKAHWA,
KAWEMPE MODERN
PRIMARY SCHOOL



JANE ANNE APIA,
KAMPALA QUALITY
PRIMARY SCHOOL

SECTION A

For numbers 1-10, use the words in brackets to complete the sentences.

- The man was accused of _____ a young girl. (defile)
- Mutto's father complained about his _____. (behave)
- The President's _____ was short and clear. (speak)
- Better surf the internet to get all _____. (inform)
- Girls are busy _____ the tomatoes. (spray)
- Gimei has _____ a novel during COVID-19 lockdown. (write)
- Kapere is _____ to us, he is a liar. (lie)
- Having _____ a mask, my brother went to the market. (wear)
- Uwera is a _____, not Ugandan. (Rwanda)
- Apio is a pilot. She _____ to Dubai twice a week. (fly)

In questions 11-15, use a correct word to fill in the blank spaces to complete the sentences.

- I received a letter _____ my penpal.
- We travelled _____ bus to Mbale.
- The triplets shared the mangoes _____ themselves.
- Mariam has written the work _____ pencil.
- One man's meat is another man's _____. (fly)

For questions 16-18, write the short forms in full.

- UNEB
- Feb.
- Via

In questions 19-21, re-write the sentences giving the plural forms of the underlined words.

- Which class will report to school?
- The COVID-19 patient was quarantined.
- Mr. Okumu showed us the formula.

In questions 22-23, write the words in alphabetical order.

- chit, chat, chair, cheat
- distant, distance, distancing

In questions 24-26, arrange the words sensibly to make correct sentences.

- internet useful the is very.
- schools opened will when the be?

- games do you play indoor?

For questions 27-28, give one word which means the same as the underlined group of words.

- The applicant wrote to get a job at the factory.
- There were many sick people at Gulu hospital.

In questions 29-30, give the opposites of the underlined words. Re-write each sentence.

- The Minister's arrival was delayed.
- Were the gentlemen quarantined too?

For questions 31-50, re-write each sentence as instructed in the brackets.

- Amooti asked, "Can the coronavirus be waterborne?" (Re-write the sentence beginning: Amooti asked if the coronavirus __)
- Were you permitted to use the computer? (Begin: Did you get __)
- Better write down all you spend during this lockdown. (Begin: All you spend during this lockdown should __)
- Kampe always asks questions which are not direct. (Re-write ending __ questions.)
- If you wear a mask and wash your hands with soap, you will not be infected by corona virus easily. (Begin: Had you __)
- My sister washed the dishes. My brother washed the dishes. (Join the sentences using __ and so __)
- We have been in lockdown. It started in March 2020. (Re-write as one sentence using __ since __)
- Opio, whose father is an RDC, is our neighbor. (Re-write as two separate sentences)
- When we climbed high. It became cool. (Begin: The higher __)
- Observe ministry of health guidelines if you don't want to be sick. (Re-write the sentence using __ or else __)
- Both Umar and Anne don't speak Luo. (Begin: Neither __)
- Mrs. Mutebi told us that she and nobody else had repaired the truck. (Re-write and end __ herself.)
- The bicycle is small. It is expensive. It is black. Susan bought it. (Re-write as one sentence)

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sentence without using who, which, or, and _____)

44. Musa drove the car to Kabale. His driving permit had expired. (Re-write beginning: Although _____)

45. People eat "posho" in many parts of Uganda.

(Re-write beginning: "Posho" _____)

46. When the nurse found out the truth, she apologised to the patient. (Begin: Having _____)

47. Andrew said the garden will be cleared on Tuesday.

(Re-write the sentence and punctuate it correctly)

48. Bwana must buy this bull, _____?

(Supply a correct question tag)

49. The scientists are doing a lot of research. They want to discover the covid-19 vaccine. (Write as one sentence using _____ in order _____)

50. I didn't write an application. I was not given the job. (Write as one sentence using: I would have _____)

SECTION B

51. Read the passage and answer the questions in full sentences.

LOOKING AFTER ANIMALS

Serious farmers need to look after their animals well. They should keep animals healthy. To do this, they must provide them with good food and keep them in clean conditions. Their animals will give them a lot of eggs, milk, meat, wool, and other products that will earn the farmer money.

Sick animals will cost farmers a lot of time and money. A sick animal will not produce as much as it should. A sick animal will not grow well. For example, an animal with worms will give less milk and meat. Animals with ticks will also produce less. They will be weak because the ticks will suck their blood. Every year, thousands of animals die because of diseases such as foot-and-mouth disease. Some animal diseases can even spread to man.

There are many reasons why an animal may fall sick. It may not be getting enough food, or it may have parasites or a disease. Lack of proteins in the diet of poultry may result in poor feathers and eggs that do not hatch. In cows, milk production reduces. Lack of calcium and phosphorous may result in weak bones and teeth in animals.

Some diseases are caused by parasites. A parasite is a small organism which lives on and gets its food from another living thing. The animal in which the parasite spends part or the whole of its life is called the host. Some parasites live outside the hosts. For example, ticks and fleas suck blood through the skin of the host. Lice feed on the skin of the host. Yet other parasites live inside the body of the host. They feed on blood and other parts of the body. Some live in the intestines, where they feed on the food the animal has eaten.

So, a serious farmer must take to spray his animals, dip them, or inject them when they are sick. Have a vet who should be a call away in case any animal looks sick.

1. How can farmers keep animals healthy?
2. Why should animals be healthy?
3. What causes animals to become weak?
4. How can you treat animals that produce eggs that don't hatch?
5. Give one word or group of words which mean.

ENGLISH (P ENG 008)

- I) Provide
- II) Every year
- 6. What is a parasite?
- 7. Which disease kills animals every year?
- 8. Why do you think animals should be dipped?
- 9. When should a vet be called?

52. Arrange these sentences to make a sensible story about YOUTHS TODAY.

1. The second problem is engaging in early sexual relationships.
2. The youths are a great force in our country
3. The youth must focus on reading hard and learning skills.
4. And also take the parents and teachers advice.
5. What should be the way forward for them?
6. This is when they can be great citizens.
7. One of these problems is greed for good things which they can't get easily.
8. Of our country Uganda.
9. The third is drug abuse, addiction, and alcoholism.
10. However, these youths face many problems.

53. Read the letter given and fill in the blank spaces with the correct words from the box to complete it correctly. 16th Jan 2020, please, science, faithfully, inform, grateful, enclose, supply, fifty, payment

Magale Mixed School,
P.O. Box 421,
Mbale
(1) _____

The Sales Manager,
Masa Publishers Ltd,
P.O. Box 4182
Kampala,

Dear Sir,
RE: (2) _____ of textbooks.

Could you (3) _____ supply our school with 80 (eighty) copies of Masa Math's Book 7, 50 (4) _____ copies of Masa English Book 6 and 40 (forty) copies of Masa (5) _____ Book 5.

I hereby (6) _____ a cheque for (7) _____ as we agreed when your sales officer visited our school. Could you also (8) _____ us whether your Masa Dictionary is already on sale. I will be (9) _____ if you deliver the request before the month ends.

Yours (10) _____,
Samson Musundi.
Headteacher

54. (a) Read the poem and answer the questions in full sentences.

- On Saturday I received a call
- Made by Obbo, my close pal
- Thought we would stroll to the beach
- With a pal each
- To relax after covid-19

- I replied and said yes
- A good idea it was
- Mother overheard the talk
- Heard all we talked
- She later said "No"

1. Who made the call?
2. Where were they to go?
3. Why were they going there?
4. Why do you think mother said "No" to their idea?
5. Give another word to mean pal.

(b) Study the information given and answer the questions about it in full sentences.

Day	Activity	Person	Purpose	Time
Monday	Tilling land	Wasswa	Plant onions	7:00 am
Wednesday	Touring	Opio	Know the area	9:00 am
Thursday	Market day	Mugisha	Sell goat	10:00 am
Saturday	Washing clothes	Bataka	Clearing house	8:00 am
Sunday	Church service	Nakato	Choir	9:30 am

1. Why did Mugisha go to the market?
2. When will Nakato go to church?
3. Who might be a visitor?
4. Why is Bataka doing that activity?
5. Who is interested in crop husbandry?

55. Read the dialogue between Sophie and Kenneth.

- (a) Sophie: _____
Kenneth: Good Morning Sophie.
- (b) Sophie: _____
Kenneth: Yes please, we sell smart phones.
- (c) Sophie: _____
Kenneth: Samsung is the best type we have.
- (d) Sophie: _____
Kenneth: This black one is three hundred fifty thousand shillings.
- (e) Sophie: _____
Kenneth: No please, I can't reduce the price.
- (f) Sophie: _____
Kenneth: Yes, you may deposit what you have.
- (g) Sophie: _____
Kenneth: Yes please, we give a receipt.
- (h) Sophie: _____
Kenneth: You can pay the balance anytime you get it.
- (i) Sophie: _____
Kenneth: Oh yes, it will have a warranty of one year.
- (j) Sophie: _____
Kenneth: Great! If you promise to clear the balance next week.

MATHEMATICS ANSWERS (P MATHS 005)

THE TEACHERS



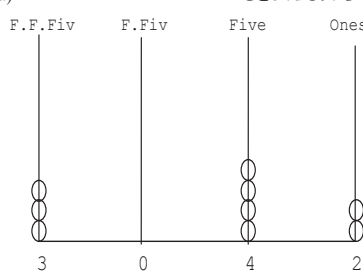
KIZITO SSEMANDA,
SACRED HEART JINJA
KAROLI PRIMARY
SCHOOL



SABAGANZI JOSEPH,
MUGWANYA
PREPARATORY
SCHOOL, KABOJJA

Mr Joseph Sabaganzi holds a Grade III certificate and a diploma in primary education. He is a long-serving teacher with varied experience in item writing and curriculum studies. Joseph is currently a teacher of mathematics at Mugwanya Preparatory School, Kabojja.

21. a)

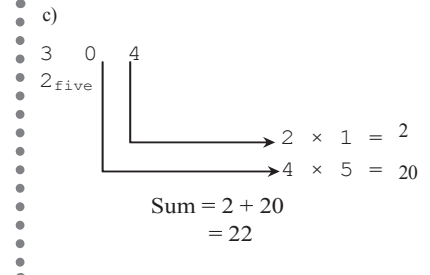


b) Five fives

22.

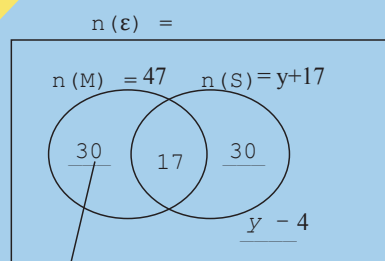
Meat $1\frac{1}{4} \times 12000$ $\frac{5}{4} \times 12000$ UGX 15000	Salt 750 1000×2000 75 $\times$ 20 UGX 1500	Bread UGX 3500 Transport UGX 5000	Total expenditure UGX 15000 + UGX 1500 UGX 3500 UGX 5000 UGX 25000
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SECTION B



MATHEMATICS QUESTIONS (P MATHS 005)

23. a)



$$47 - 17 =$$

$$b) y + y - 4 + 30 + 17 = 75$$

$$2y + 47 - 4 = 75$$

$$2y + 43 = 75$$

$$2y + 43 - 43 = 75 - 43$$

$$\frac{2y}{2} = \frac{32}{2}$$

$$y = 16$$

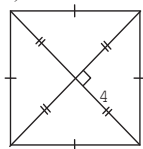
$$\text{Number of journalists sent out} = y - 4$$

$$= 16 - 4$$

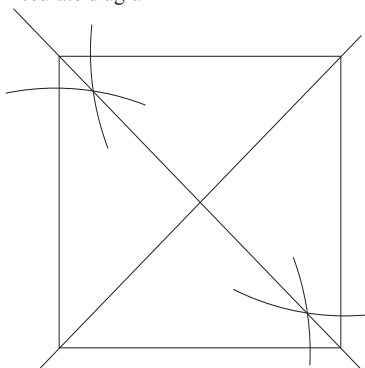
$$= 12$$

c) They should change and prevent transmission of germs.

24. a) Sketch



Accurate diagram



b) Each side is 5.5 cm

c) $P = S + S + S$

$$= 5.5\text{cm} + 5.5\text{cm} + 5.5\text{cm} + 5.5\text{cm}$$

$$= 22\text{cm}$$

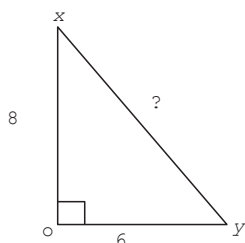
$$25. a) A = \frac{1}{2} \times d_1 \times d_2$$

$$\frac{1}{2} \times ZX \times WY = A$$

$$\frac{1}{2} \times 12 \times WY = 96$$

$$\frac{6W}{6} = \frac{96}{6}$$

$$WY = 16$$



$$a^2 + b^2 = c^2$$

$$xy^2 = 8^2 + 6^2$$

$$xy^2 = (8 \times 8) + (6 \times 6)$$

$$xy^2 = 64 + 36$$

$$\sqrt{xy^2} = \sqrt{100}$$

$$xy = 10\text{cm}$$

∴ Each side of the quadrilateral is 10cm

$$b) P = S + S + S + S$$

$$= 4 \times 5$$

$$= 4 \times 10$$

$$= 40\text{cm}$$

$$26. a) 4.2 + 7.6 - 8.5$$

$$\begin{array}{r} 4.2 \\ + 7.6 \\ \hline 11.8 \\ - 8.5 \\ \hline 3.3 \end{array}$$

$$\therefore 4.2 - 8.5 + 7.6 = 3.3$$

$$b) \frac{10}{3} \div \frac{5}{2} \times \left(\frac{1}{4} \times \frac{9}{12} \right)$$

$$\frac{10}{3} \div \frac{5}{2} \times \frac{3}{16}$$

$$\frac{10}{3} \times \frac{2}{5} \times \frac{3}{16}$$

$$\frac{1 \times 1 \times 1}{1 \times 1 \times 4} = \frac{1}{4}$$

$$27. a) \text{KES } 1 = \text{UGX } 37$$

$$\text{KES } 190,000 = \text{UGX } 37 \times 190,000$$

$$= \text{UGX } 7,030,000$$

$$\text{US } \$ 1 = \text{UGX } 3800$$

$$1 \text{ UGX} = \frac{1}{3800} \text{ US } \$$$

$$\text{UGX } 7,030,000 = \frac{1}{3800} \times 7,030,000 = \frac{70300}{38} = 1850$$

$$= \text{US } \$ 1850$$

$$b) \text{US } \$ 1 = \text{UGX } 3800$$

$$\text{US } \$ 280 = \text{UGX } 3800 \times 280$$

$$= \text{UGX } 1,064,000$$

$$9 : 30 \text{ am}$$

$$28. a) \begin{array}{r} 9 : 30 \text{ am} \\ - 6 : 00 \\ \hline 3 : 30 \end{array}$$

$$3 \text{ hrs } 30 \text{ minutes or } 3 \frac{1}{2} \text{ hrs.}$$

$$7 : 30 \text{ pm}$$

$$b) \begin{array}{r} 7 : 30 \text{ pm} \\ - 4 : 00 \text{ pm} \\ \hline 3 : 30 \end{array}$$

$$3 : 30 = 3 \frac{1}{2} \text{ hrs}$$

$$1 \text{ hr} = 60 \text{ minutes}$$

$$3 \frac{1}{2} \text{ hrs} = \frac{7}{2} \times 60$$

$$= 210 \text{ minutes}$$

$$70 \text{ min} = 1 \text{ subject}$$

$$210 \text{ min} = \frac{210}{70}$$

$$= 3 \text{ subjects}$$

She revises 3 subjects a day.

c) - To reduce risks of heart attack

- Manage your weight better

$$29. a) \text{Tanzania} = \frac{1}{2}$$

$$\text{Reminder} = \frac{2}{2} - \frac{1}{2} = \frac{2-1}{2} = \frac{1}{2}$$

$$\text{Kenya} = \frac{3}{4} \text{ of } \frac{1}{2} = \frac{3}{4} \times \frac{1}{2} = \frac{3}{8}$$

$$\text{Total fraction} = \frac{1}{2} + \frac{3}{8} = \frac{4+3}{8} = \frac{7}{8}$$

$$\text{Fraction from other countries} = \frac{8}{8} - \frac{7}{8} = \frac{8-7}{8} = \frac{1}{8}$$

b) Let the total number be y

$$\frac{1}{8} \text{ of } y = 23$$

$$8 \times \frac{1}{8} y = 23 \times 8$$

$$y = 184$$

Number of truck drivers from Tanzania

$$\frac{1}{2} \times 184$$

$$92 \text{ truck drivers}$$

$$30. x, x + 2, |x + 4|, x + 6, x + 8$$

$$x + x + 2 + x + 4 + x + 6 + x + 8 = 120$$

$$5x + 20 = 120$$

$$5x + 20 - 20 = 120 - 20$$

$$\frac{5x}{5} = \frac{100}{5}$$

$$x = 20$$

The numbers are 20, 22, 24, 26 and 28

b) Range = Highest - Lowest

$$= 28 - 20 = 8$$

31. a) Let the daughter's age be y

Father	Daughter
y + 18	y
y + 28	y + 10

$$y + 28 = 2(y + 10)$$

$$y + 28 = 2y + 20$$

$$28 - 20 = 2y - y$$

$$8 = y$$

The father is y + 18 = 8 + 18 = 26 years

b) Father = 26 + 10

$$= 36 \text{ years}$$

Daughter = 8 + 10

$$= 18$$

$$\text{Sum} = 36 + 18$$

$$= 54 \text{ years}$$

32. a) At 8:30 am

b) 100km

c) 1 hour

d) The taxi

e) Bus

$$S = \frac{D}{T} = 180 \div 4 \frac{1}{2}$$

$$= 180 \div \frac{9}{2}$$

$$= 180 \times \frac{2}{9}$$

$$= 40\text{km/hr}$$

Taxi

$$= 180 \div 5$$

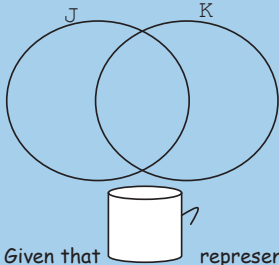
$$= 36 \text{ km/hr}$$

$$AS = \frac{TTT}{TD}$$

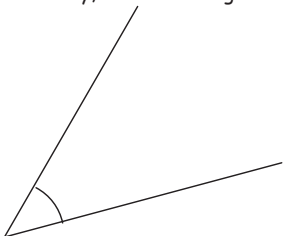
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SECTION A

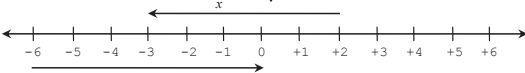
- Workout: $48 \div 4$.
- Write 54,540 in words.
- Shade JUK in the Venn diagram below.



- Given that  represents 24 cups, draw cups to represent 72 cups.
- Simplify $2(4a - 1) + 3$.
- Draw a clock face and show a quarter to 5 O'clock.
- A bus covers a distance of 280km in 4 hours, find the distance it will cover in 150 minutes at the same speed.
- Mariam bought 8 packets of sugar weighing 500g each, if she used UGX 14000 for all the packets, what is the cost of 1kg of sugar.
- Using a sharp pencil, ruler and a pair of compasses only, bisect the angle below.

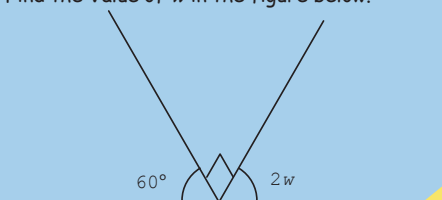


- Express CDLXIX in Hindu Arabic numeral.
- The cost of 6 books is UGX 24000, what is the cost of 9 similar books.
- Find the next two numbers in the sequence. 28, 29, 26, 31, _____, _____
- Solve for a . $5(2a + 1) = 10$.
- Study the number line below and use it to find the value of x and y



- Round off 14563 to the nearest hundred.
- The ages of 8 CORONA victims are 42, 58, 40, 60, 40, 40, 75 and 75. Find the modal age of the 8 victims.

- A car uses $3\frac{1}{2}$ litres of fuel to cover a distance of 14km, how many litres will it use to cover a distance of 56km.
- Find the Value of w in the figure below.



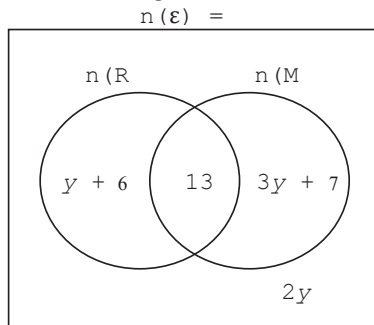
- A set has 63 proper subsets, how many elements are in the set?

MATHEMATICS SOLUTIONS (P MATHS 005)

- The price of a new bicycle increased from UGX 300,000 by UGX 45,000 during the lockdown. Calculate the percentage increase in the price of the bicycle.

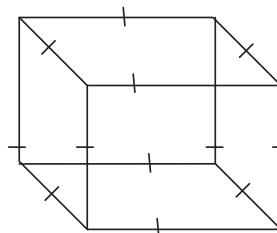
SECTION B

- At a meeting attended by 50 staff members, some were served with matooke (M) and others were served with Rice (R) as shown in the diagram below.



Use it to answer the questions that follow

- Find the value of y .
 - y
 - $n(M)$
 - What is the probability of picking a member who was not served?
- Express $\frac{3}{11}$ as decimal.
 - Simplify $\frac{3}{7} \times \frac{4}{5} \div \frac{9}{14} + 1\frac{3}{5}$.
- Find the number that has been expanded to get $2 \times 10^2 + 8 \times 10^0 + 9 \times 10^{-1} + 7 \times 10^{-2}$
 - Draw beads to represent 14532 on the abacus.
- Okello made cube from a wire of length 480cm.

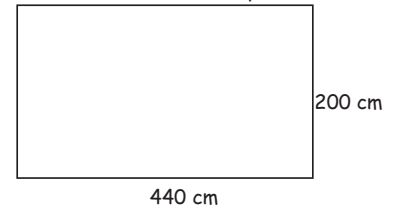


- How long is each side of the cube?
- Calculate the
 - Total Surface area
 - Capacity of the cube

- Complete Kawooya's shopping table below.

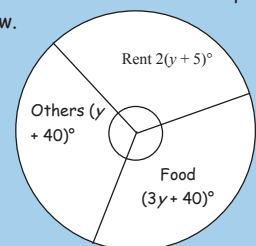
Item	Quality	Unit cost	Amount
Meat	2 kg	UGX 12500	UGX _____
Rice	_____	UGX 4000	UGX 3000
Chicken	3kg	UGX _____	UGX 42000
Cooking oil	1 litre	UGX 5000	UGX _____
Total expenditure			UGX _____

- If Kawooya was given a discount of 10%, how much did he pay for all the items?
- Using a sharp pencil, ruler and pair of compasses only,
 - Construct a rhombus ABCD with diagonals 8cm and 6cm.
 - Calculate the perimeter of the figure.
 - The exterior angle of a regular polygon is 108° less than its interior angle.
 - How many sides has the polygon.
 - Find the number of right angles in the figure.
 - Ali, Kato and Lawrence contributed some money to start a business in the ratio 2:5:3 respectively, if Kato contributed UGX 450,000.
 - How much money did they contribute altogether?
 - Write the amount contributed by Lawrence in words.
 - James is 8 yrs older than his friend Peter. The average age of his other 4 friends is 56 years. If Peter and James join the group, the average age becomes 52 years. Find James' and Peter's age.
 - The figure below shows a rectangular metal which is used to form a cylindrical tank.



- Calculate the radius of the cylindrical tank formed (Take π as $\frac{22}{7}$)
- Calculate the capacity of the tank.

- The pie chart below shows how Mr. Lule spends his monthly income. Study it carefully and use it to answer the question that follow.



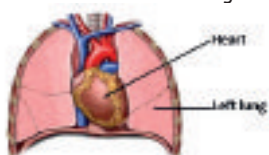
- Find the angle sector for food.
- If he spends UGX 170,000 on others, how much does he spend on Rent?

- The table below shows the months and number of COVID-19 tests. Study it and represent the information on a histogram.

Months	Feb	March	April	May	June
Number of tests	25	80	60	65	70

SECTION A

- When there's change in temperature such that they regulate it/ when they are attacked by enemies/ when they change the environment/when they want to communicate/ ready to mate / companion
- Water from a contaminated source contains germs which cause diseases.
- Temperature gun or Infrared thermometer
- A temperature gun or infrared thermometer helps to identify COVID 19 patients by detecting the body temperature immediately and accurately with no contact with the targeted person.
- Urban farming such as planting tomatoes in tins or sacks.
- Mulches suffocate the weeds.
- Long sightedness/ Hypermetropia.
- Short eyeball / low converging power/ Too thin eye lens
- Provide bees with enough hives/ Provide sources of food (flowering plants around)/ keep noise away/ Keep hives under a shade to avoid direct sunlight.
- Plastic prevents plant growth/ pollute the soil/degrade the environment
- Malaria germs (plasmodium) attack the red blood cells in the body.
- Eye/Bud.
- Stem tuber.
- Cutting down trees exposes the soil to agents of erosion.
- Abstinence / withdrawal / menstrual cycle temperature tracking.
- Maternal and child health Care.
- Electric wires are loosely fixed between poles.
- A shadow can help people to tell direction and time /Tree shadows are used by animals for shade thus cooling their body temperature.
- Ghee is in solid state at room temperature.
- Breast feeding improves body immunity in babies.
- The water hyacinth suffocates other living things in the water (aquatic life)/ transport is made difficult.
- Hibernation is the state in which living things hide away from harsh conditions.
- Muscular system.
- Position of the heart and lungs



INTEGRATED SCIENCE ANSWERS (P SC 007)

THE TEACHERS



EDISON
MUGENYI,
ST JOSEPH'S
NSAMBYA GIRLS
PRIMARY SCHOOL



MICHAEL
KIMBOWA
SSONKO,
LUBIRI PRIMARY
SCHOOL

- Rib cage.
 - Slashing our compounds destroys the hiding places for mosquitoes.
 - Hydrochloric acid provides the acid medium required by enzymes to work.
 - Both sweating and germination take place in the presence of heat energy.
 - Condensation.
 - Fish feeds on the mosquito larvae.
 - One can control pests by crop rotation/ early planting / Use of biological pest control methods.
 - The force of attraction is concentrated at the poles of a magnet.
 - The sun provides the energy required in producing the first food during photosynthesis.
 - Earth worms burrow the soil and this provides the bacteria with oxygen.
 - Conditions that lead us to vulnerability include; being pregnant / being sick / being in a dirty environment / being unable to help oneself when in danger.
 - Diffusion of gases.
 - Carrot.
 - Clay charcoal stoves conserve energy.
 - A frog has longer hind limbs than the toad / A toad is bigger in size than the frog / A frog has a moist slippery skin while a toad has a rough skin / A toad lives more on land while a frog lives mainly in or near water.
 - In case a pregnant woman tested positive with HIV, the baby can be protected.
- ### SECTION B
- Mammals have mammary glands/ produce milk.
 - Duck billed platypus/ Echidna.
 - Mammals have their bodies covered by hair while the bodies of reptiles are covered by scales / Mammals breast feed their young ones while reptiles rarely take
 - Lungs excrete carbon dioxide.
 - Hearts pump blood in the body.
 - Liver stores mineral salts.
 - Kidney balances the level of water in the body.
 - Evaporation / Condensation.
 - Alcohol can be used as a steriliser / sanitiser.
 - Alcohol damages the delicate organs in the body such as liver and brain.
 - Feeding rabbits on a balanced diet / Keeping the rabbits in a clean place.
 - Sick rabbits have rough fur / wet nose / reduced movement / lack of appetite.
 - Chinchilla /New Zealand white / Angora rabbit / California rabbits.
 - Immunity is the ability of the body to defend itself against diseases.
 - Through breast feeding /falling sick and recovery / Through Immunisation.
 - White blood cells.
 - i) Mass is the quantity of matter in a substance. ii) Weight is the force by which a body is pulled to the centre of the earth.
 - Density = Mass/Volume = 24g/6cc = 4g/cc
 - A stone or any other body is pulled back to the earth due to gravity.
 - Tape worm
 - i) A is hook
 - ii) B is sucker
 - Sucks digested food from the small intestines
 - Wood shavings/ Wood pulp/ Coffee husks.
 - Litter keeps the poultry house dry /

prevents dampness / Litter protects eggs from cracking or breaking.
c) Old litter can be used as manure.

- a) Tractor can be used to cultivate by pulling different farm tools/ Can be used to carry /transport farm produce.
- Tractor has several parts / tools combined to make the machine.
- The machine speeds up work/ Saves time/ Reduces the number of workers/ it can use different tools /it's more efficient.

- a) Root tubers are underground parts of a plant swollen with food but do not germinate.
- Cassava mosaic/ bacterial blight/ leaf spot/ root rot.
- Carrot/ turnip/ beet root
- Sugar cane stem is not found underground.

- a) A - caudal fin/ tail fin B - pectoral fin.
- It provides supports during swimming/ It creates dynamic lifting force and also helps the fish to turn left or right.
- Fish is rich in proteins.

- a) Seed dormancy is the state in which a seed fails to germinate.
- Seed dormancy can be caused by; little or no moisture in the soil / Hardness of the testa /Nature of the seed / Depth of the seed under the soil.
- Moisture softens the testa.

- a) Washing hands regularly /bathing / washing clothes/ proper disposal of human waste / doing physical body exercises.
- The very young/ the very old / the sick/ pregnant women / the disabled.
- Older children teaching the young ones how to maintain personal hygiene / Teaching young children toilet habits / Older children playing and helping the young ones / Caring for the sick ones.

- a) Tubligation.
- The method makes one permanently barren.
- Q produces the ova.
- Vasectomy.

- a) Crop rotation is the practice of growing different crops on the same piece of land every season.
- Crop rotation maintains soil fertility / Controls pests / Improves crop yield.
- Legumes have nitrogen fixing bacteria that add nitrates to the soil.

INTEGRATED SCIENCE (P SC 008)

SECTION A

- Name the body organ responsible for gaseous exchange.
- How is eating protein rich foods important to a P.7 pupil?
- Give any one example of a healthy life style.
- Why is top soil good for crop growing?

Below is a sanitary equipment. Use it to answer questions 5 and 6.



- Write the name of the sanitary equipment above
 - Why is the ministry of health encouraging all people to wear the above named equipment when in public?
 - Name one living organism that feeds saprophytically.
 - How are houseflies dangerous to the sense of sight?
 - Mention one crop that stores food in the swollen underground stem.
- The diagram below shows property of magnets. Study it carefully and answer questions 10 and 11.



- State the property of magnets illustrated above.
- How is the above magnet useful to a car mechanic?
- What happens to metals when heated?
- Why do people urinate less during

- hot days than cold days?
- State any one example of a fossil fuel in the environment.
- Suggest one way in which people can maintain the proper working of the muscular and skeletal system.
- Why is it important for one to sort clothes before washing them?
- Identify any one life skill that may guard you against drug abuse in a boarding school.
- Why is it important for the sports teacher to plant grass in patched areas

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INTEGRATED SCIENCE (P SC 008)

on the playground?

19. Give any one condition that influences the rate of transpiration in plants.

20. Why is a water snail regarded as a vector?

21. Sanitation is the general cleanliness of an area. State any one item used in keeping the environment clean.

22. How are chlamydia germs dangerous to humans?

23. What scientific name is given to the larvae stage of a butterfly?

24. Why are perches put in a poultry house?

25. Name any one material used to clean our teeth.

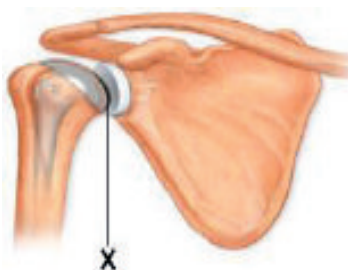
26. How is a dicotyledonous seed different from a monocotyledonous seed apart from difference in germination?

27. State any one economic importance of insects such as mosquitoes, houseflies, cockroaches and tsetse flies.

28. Why is tepid sponging encouraged among children with fever?

29. Which type of soil is sticky, heavy and has high capillarity?

The diagram below shows a joint in the human body. Use it to answer question 30 and 31.



30. Name joint labelled X.

31. Why is the above joint considered the most flexible joint in the body?

32. How are polythene bags dangerous in a garden?

33. State one disadvantage of using electricity in lighting our school.

34. Why is the trachea covered with rings of cartilage?

35. State one way of caring for plants in our compounds.

36. Which method of grazing animals is common to farmers in urban areas?

37. Why are people encouraged to smoke their pit latrines?

38. Name the force that reduces the efficiency of a machine.

39. What general name is given to goats obtained by mating local breeds with exotic ones?

40. How useful is blubber to a sea mammal?

SECTION B

41. a). What is breast feeding?

b). Mention any two advantages of breast feeding to a mother.

c). Apart from the mother being away, state any one condition that can lead to bottle feeding in babies.

42. a) Apart from the use of herbicides, state two ways of weed control in a garden.

b) Give any one disadvantage of using herbicides in controlling weeds.

c) Name the farming practice done to replant seedlings that never germinated or died out.

43. Match items in A with those in B.

A	B
Plasma	Transport oxygen
White blood cells	Transports digested food and wastes
Blood platelets	Body defence
Red blood cells	Blood clotting

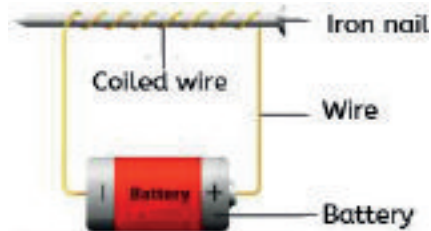
44. a). How is the process of photosynthesis beneficial to humans?

b). Name any one raw material used by plants during photosynthesis.

c). Mention one useful product that plants get from photosynthesis.

d). Name one part of a plant where the product named in (c) above is stored.

45. The diagram below shows a method of making magnets. Use it to answer questions that follow.



a) Name the method of making magnets illustrated above.

b) What scientific name is given to the magnets obtained by using the above method?

c) In which two ways can magnetism in the above magnets be made stronger?

46. a). Give any one example of each of the following:

i) Antisocial behaviour ii) Sexual deviations
b). Give any two community and health problems among young people today.

47. a). Respiration is necessary for human life. Name any one end product and by-product of respiration

b). State any one campaign you would participate in to keep other people's respiratory systems in good working conditions.

c). Identify one disorder of the respiratory system.

48. The diagram below shows a boy and girl seated on a sea saw. Use it to answer questions that follow.



a) To which class of levers does the above machine belong?

b) How long should the girl sit from the pivot in order to balance with the boy.

c) Calculate the distance of the boy from the girl

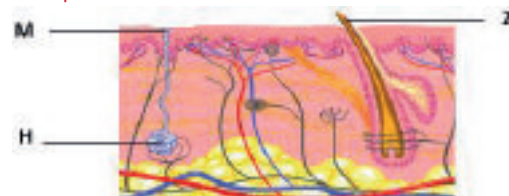
49. a). What are poultry vices?

b). Mention one example of poultry vices.

c). How can a farmer control poultry vices on his farm?

d). Identify any one system of rearing poultry in Uganda.

50. Below is the structure of the human skin. Use it to answer questions that follow.



a) Name the parts labelled Z.

b) How is the part labelled M different from H in terms of their function.

c) To which body system does the above organ belong?

d) Suggest one way in which the above organ is important to humans.

51. a) Write ORS in full.

b) Give any two substances used to make ORS.

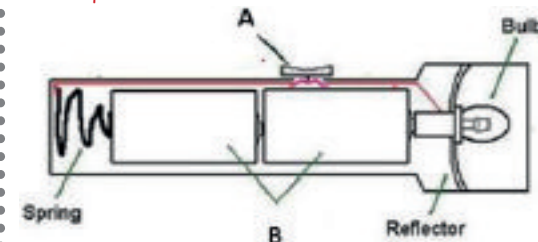
c) Mention one mineral salt lost by the body during dehydration.

52. a) How do short plants benefit from tall trees around them?

b) Give any two methods weak plants use to climb other plants.

c) Suggest one method of harvesting wood.

53. Below is the diagram of a flash torch. Use it to answer questions that follow.



a) Give the function of parts labelled A and B

b) What energy change takes place in B when the circuit is complete?

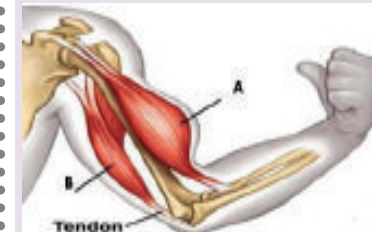
c) In which way is a flash torch important in our daily life.

54. a) Name any one communicable disease caused by a fungus.

b) State the body organ affected by the disease mentioned above.

c) Give two ways of preventing the spread of the disease mentioned in 54(b) above among school children.

55. Below is the diagram of the human arm. Use it to answer questions that follow.



a) Name muscles labelled A and B.

b) Why are muscles A and B called antagonistic muscles?

c) In which one way are the above muscles important to an individual?



SOCIAL STUDIES AND RELIGIOUS EDUCATION ANSWERS (P SC 007)

SECTION A

- 1) Terracing/use of terraces/Contour ploughing.
- 2) Lake Kyoga is shallow.
- 3) Kasese / Kitagwenda / Ibanda / Kazo / kiruhura / Lyantonde / sembabule / Bukoma / Kalungu / Mpigi / Buvuma / Namayingo.
- 4) Oranges, lemons
- 5) Tropic of Cancer
- 6) To find out about resources in Africa/ To find the source of river Nile/To look for market for their produces.
- 7) Ghana / Burkina Faso/ Mali / Algeria/Togo.
- 8) North Africa.
- 9) Mangrove.
- 10) It is difficult to transport road construction materials on steep slopes.
- 11) Water pollution.
- 12) It can lead to death of fish due to suffocation.
- 13) The government should sensitise people about the danger of dumping rubbish in water bodies.
- 14) The secretariat directs day-to-day running of the EAC affairs.
- 15) Acholi/ Alur/ Japadhola.
- 16) Hand axe was used for skinning animals/ digging roots/ shaping tools made out of wood.
- 17) Plants and crop growth / cultivation / animals / tourism.
- 18) Smoking fish / salting fish / sun drying fish.
- 19) It carries bulky goods / no traffic jam.
- 20) Uganda National Roads Authority (UNRA)
- 21) Symbol of road bridge
- 22) Through demonstration / Boycott / rebellions.
- 23) Schools were closed due to COVID-19 which affect normal learning of pupils.
- 24) North East.
- 25) It handles Uganda's imports and exports.
- 26) Symbols cannot be interpreted.
- 27) Uganda.
- 28) Lake Edward / Lake George /Lake Albert.
- 29) Soil erosion / landslides
- 30) Due to absence of cloud cover that would trap the out-going heat.
- 31) I would advise NEMA to evict all people in wetland areas and sensitise people about the importance of wetland protection.
- 32) Forests / swamps / shrubs / thickets / grass.
- 33) By providing domestic animals with food/ By treating domestic animals/By cleaning habitat for domestic animals.
- 34) Bahrel-El-Ghazel
- 35) Search for better paying jobs in other areas or country/Search for better education in other areas or country /Insecurity in home country or area.
- 36) EITHER: Being prayerful/helping the needy/ associating with all people
OR: Being prayerful/helping the needy/associating with all people
- 37) EITHER: Matthew
OR: Surat al-Fatiḥah
- 38) EITHER: Lent helps Christians reflect on Jesus'

THE TEACHERS



MULIMIRA JEROME,
JIT PRIMARY SCHOOL,
MUKONO



TOM KIBIRANGO,
GOOD TIMES INFANT
SCHOOL, KAWAALA

- suffering and sacrifice for us.
- OR: Saum gives all Muslims an opportunity to reflect in a spiritual way about their lives and develop a sense of self-discipline.
- 39) EITHER: I learn to help people in need.
- OR: Miraj is the ascension of the Prophet Muhammad into heaven
- 40) EITHER: To thank God/ To praise God for the good He has done/To restore relationship with God.
- OR: To thank Allah / To praise Allah for the good He has done/ To restore relationship with Allah.

SECTION B

- 41) a) Mediterranean sea
- b) Red sea
- c) (i) Atlantic ocean (ii) Indian ocean
- 42 (a) September
- b) Equatorial climate
- c) This is because the station receives rainfall throughout the year and temperatures are hot and has two peaks of rainfall (two periods of maximum rainfall in April and September).
- d) Coffee/Tea/Banana (perennial cash crops)
- 43) (a) Trees are ever green/Trees have broad leaves/Trees develop buttress roots.
- (b) Climate / type of soil/ Human activities/ Topography (relief)
- 44) (a) Legislative council
- (b) To take part in making laws governing Ugandans/ To take part in governing of Uganda.
- (c) Both LEGCO and Parliament are law making bodies.
- 45) (a) National flag / National Anthem / Coat of Arms / Emblem / Uganda constitution/Language.
- (b) Ugandan's take part in election of their leaders at both national and local level/ Ugandan's take part in monitoring public funds expenditure directly or through their representatives in parliament.

- 46) (a) Taxes / minerals / court fines / Tourism / Loans / Grants / Donation.
- (b) Increase production/ Increase exports.
- 47) Provide social services/ Make budget / Handle foreign affairs and sanity of a nation/ Protect Ugandans with their property/ Promote rule of law.
- 48) a) To resist colonialism/ To be united against colonial rule.
- b) (i) Sir Edward Lwangula Walugembe Muteesa II.
- (ii) Julius Kambarage Nyerere.
- (iii) Salva Kiir Mayardit.
- 49) a) Vice chairperson.
- b) Right to life / Right to food / right to medical care / right to clothing / right to education.
- 50) a) Boats / canoes
- b) Road transport can offer door to door services unlike water transport/Road transport is faster than water transport.
- c) Air transport is faster than road transport/ Air transport is not affected by relief barriers such as mountains as does road transport.
- 51) Either: a) Cain and Abel
- b) -Cain was a farmer/ Abel was a shepherd
- OR: a) Qabil and Habil
- b) They ate the forbidden fruit/ They listened to orders of Satan other than Allah.
- 52) EITHER: a) Jesus chased them because were misusing God's house which is meant for prayers.
- b) Some people turn churches into political grounds for campaign/Some people turn churches into business enterprises/ Some people use churches cheat people of their property.
- OR: a) To accord respect for the Holy place (Mosque)
- b) To greet someone or to reply the greeting of someone while performing a prayer whether deliberately or by mistake / To eat or drink something while performing a prayer/ To laugh loudly enough to hear oneself/ To weep loudly by remembering a worldly affair or to moan or groan due to some pain or trouble.
- 53) Either: a) Conserve God's creation/ feed animals / love animals.
- b) By practicing deforestation/By dumping rubbish in water bodies/By draining swamps.
- OR: a) Conserve Allah's creation/ feed animals / love animals.
- b) By practicing deforestation/By dumping rubbish in water bodies/By draining swamps.
- 54) EITHER: a) To praise God / To thank God/ To communicate to God.
- b) Intercessory prayer/ Meditation prayer/ Prayer to saints/Seasonal prayer/ thanksgiving and supplication prayer.
- OR a) Muslims face Qibla because of sacred Kaaba in Mecca
- b) Fajr/ Dhuhr/ Asr/ Maghrib/ Isha'a
- 55. a) By helping them get basic need like food/By assisting the lame in movement such pushing their wheel chair
- b) By helping the elderly cross busy road/ By helping elderly get basic needs like food.

SOCIAL STUDIES AND RELIGIOUS EDUCATION QUESTIONS (P SST 008)

SECTION A

- 1) What is the direction of Arua from Kampala?
- 2) Give the difference between weather and climate.
- 3) Mention one contribution of mining to the development of Uganda.
- 4) In which way is the Karamojong way of living similar to that of the Masai?
- 5) Give any one reason why many people have

- settled on the slopes of mountain Elgon.
- 6) Mention one way in which wind is useful to people.
- 7) Give one reason why imported manufactured goods are more expensive than goods produced in Uganda.
- 8) Write the meaning of the term 'Great Trek'.
- 9) Give any one negative effect of constructing a house in swampy area.

- 10) Give one disadvantage of transporting flowers by road from Uganda to South Africa.
- 11) The distance between town A and B is 5 cm on a map. If 1 cm represents 20 km, find the distance in kilometres between town A and B.
- 12) How is Lake Victoria important for the development of industries in Jinja?
- 13) State the similarity between mountain Elgon and Kilimanjaro in terms of formation.

Turn to next page

SOCIAL STUDIES AND RELIGIOUS EDUCATION QUESTIONS (P SST 008)

- 14) Give one importance of school rules and regulations.
- 15) Under what arm of government do ministers of Uganda belong?
- 16) Give one reason why the white-settlers decided to settle in Kenya.
- 17) Which East African community organ is responsible for making and amending laws?
- 18) State the title that was given to the leader of Wangka kingdom in Kenya.
- 19) Give a reason why farmers on hilly areas terrace their land?
- 20) Give any one negative effect of poaching.

Study the weather instrument given below and answer questions 21, 22 and 23.



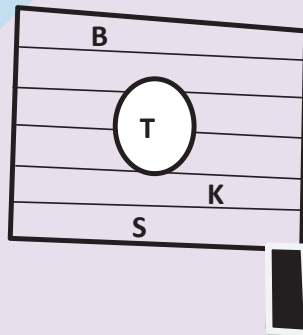
- 21) Name the weather instrument shown in the picture.
- 22) State the maximum temperature reading shown in the picture.
- 23) What is the difference between the maximum and minimum temperature reading shown in the picture?
- 24) To which ethnic group do the Sabiny and Pokot belong?
- 25) Give one reason why South Africa is one of the richest countries in Africa.
- 26) Why did Kabaka Muteesa I invite missionaries to his kingdom?
- 27) Give one way mobile phones are important to people of Uganda.
- 28) Write one reason why there are many street children in Uganda.
- 29) Mention one reason why Toro Kingdom broke away from Bunyoro-Kitara.
- 30) Give any one problem that the Uganda electoral commission faces during elections.
- 31) State one reason why the British used indirect rule in Uganda.
- 32) Mention one way in which good roads promote agriculture in East Africa.
- 33) Give any one way in which COVID-19 has contributed to development of industries in Uganda.
- 34) Which bank in Uganda prints and issues new money?
- 35) If you were to choose an area to place a rain gauge in your school weather station, where would you place it?

For each of the questions 36 to 40, answer **EITHER** the Christian **OR** Islamic question but not both. No marks will be awarded to a candidate who attempts both

- alternatives in a particular number.
- 36) **EITHER:** What do you remember about Mountain Sinai in the history of Israelites?
OR: What do remember about Mountain Hira in the history of Islam?
- 37) **EITHER:** Why was Adam and Eve sent out of the Garden of Eden?
OR: Why was Adam and Hawwa sent out of the paradise?
- 38) **EITHER:** What lesson do Christians learn from the actions of Abraham?
OR: What lesson do Moslems learn from the actions of Ibrahim?
- 39) **EITHER:** What is the greatest value of charity to a person who gives it?
OR: What is the greatest value of Zakat to a person who gives it?
- 40) **EITHER:** Give one way you can work for heaven while still on earth.
OR: Give one way you can work for paradise while still on earth.

SECTION B

41) Study the diagram below representing the Uganda National Flag. Use it to answer questions that follow.



- a) Name the bird which should be in part marked T.
- b) What do the following colours represent?
(i) B
(ii) K
(iii) S
- 42) a) Name the major imaginary line of longitude marked 0.
b) Give two similarities between imaginary lines of latitude and longitude.
c) How do latitudes help in determining the climate of an area?
43. (a) Give any two reasons why there are many people around the shores of Lake Victoria in Uganda.
(b) Give two reasons why there are few people in North Eastern Uganda (Karamoja).
44. a) Give two reasons for the disintegration of East African Community in 1977.
b) Mention two negative effects of the disintegration of East African Community in 1977.
45. (a) Suggest any two ways in which the government can promote local tourism in Uganda.
(b) Give any two problems facing tourism industry in Uganda.
46. (a) Give any two disadvantages of air transport.
(b) Mention two items that are transported by pipeline transport.
47. (a) What is natural vegetation?
(b) Suggest any three ways in which the destruction of

- natural vegetation affects the environment.
48. (a) State any two goods which were brought by Arabs to East Africa.
(b) Suggest any two things which the Arabs wanted in East Africa.
49. (a) Give any two aims of African Union (AU).
(b) Give any two problems that African Union (AU) faces as it tries to achieve its aims.
50. (a) Give any one reason why Europeans colonized East Africa.
(b) How was Uganda's Struggle for independence different from that of Kenya?
(c) State any one economic change brought by colonialists in East Africa.
(d) Why were political parties formed in East Africa during the colonial period?

For each of the questions 51 to 55, answer **EITHER** Christian **OR** Islamic questions but not both. No mark will be awarded to a candidate who attempts both alternatives in a particular number.

51. **EITHER:** Match the list in A with that in B showing some of important events in Christianity:

A	B
a) Good Friday	Birth of Jesus Christ
b) Ascension Day	Death of Jesus Christ
c) Christmas Day	Resurrection of Jesus Christ
d) Easter Sunday	Bodily Ascension of Jesus into heaven

OR: Match the list in A with that in B showing some of important events in Islam:

A	B
a) Al-Hijra	End of Muslim Month of Fasting (Ramadan).
b) Ramadan	Festival of Sacrifice.
c) Eid ul-Fitr	Muslim Month of Fasting.
d) Eid ul-Adha	Marks the end of Mohammad's journey from Mecca to Medina.

52. **EITHER:** (a) How do people become members of God's family?
(b) Why do Christians repent?
(c) What did Jesus come to do on earth?
(d) Why did Jesus perform miracles?
OR: (a) Give any two duties of Imam.
(b) Give two ways in which a Muslim promotes and shows friendships and brotherhood to others.
53. **EITHER:** (a) Who led Israelites out of Egypt?
(b) How did Israelites cross the Red Sea?
(c) Give two reasons why Israelites left Egypt.
OR: (a) Give any two ways in which Umra is different from Hijja.
(b) Suggest two reasons why Mecca is important in the Islamic faith.
54. **EITHER:** Jesus chose twelve disciples (apostles), write any four apostles of Jesus Christ.
OR: Write any four companions prophet Muhammad (P.B.U.H) during his lifetime.
55. **FOR BOTH:**
(a) Give two roles of the Inter-Religious Council of Uganda (IRCU).
(b) State two challenges faced by the Inter-Religious Council of Uganda (IRCU).