

HOME SCHOOLING MATERIAL

PRIMARY

7

PASS PLE

YOUR GUIDE TO A BETTER LIFE THROUGH EDUCATION

ANSWERS TO LAST WEEK'S EXAM (P ENG 006)

SECTION A

- | | | |
|-----------------|-------------|-----------------|
| 1. construction | 7. better | 13. prefer |
| 2. laid | 8. tries | 14. from |
| 3. ridden | 9. ninth | 15. choir |
| 4. scientists | 10. swampy | 16. heroes |
| 5. careless | 11. between | 17. bookshelves |
| 6. wearing | 12. calves | |

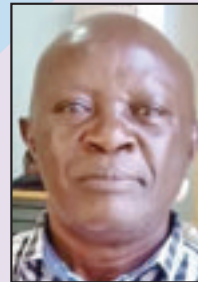
18. The family members were quarantined.
19. My sister can milk cows.
20. When shall we go to school?
21. also known as
22. they have
23. We baked cakes that were rectangular.
24. Mugizi escaped from school.
25. The wise girls refused the old man's gift.
26. Shade, shall, shape, sharp
27. Wash, washed, washer, washing
28. There were landslides in the western parts of the country.
29. We don't know when the lockdown will end.
30. Kate will borrow his bicycle.
31. Opio was so tired that he couldn't go planting the onions.
32. Unless you wear a mask, you may contract COVID-19.
33. No sooner had I reached the taxi than I sanitised my hands.
34. The internet was being surfed by Piyo.
35. The opposer said that village life would get better than urban life.
36. Much as cows are animals, they should be treated fairly.
37. Webale preferred weaving to knitting.
38. What a tricky man the poacher was!
39. He trained hard so that he could improve his typing skill.
40. You should always be obedient to your parents.
41. The tractor was driven across the field by my mother.
42. Even if you don't help me, I can plant my tomato seedlings.
43. The thieves who stole Bolingo's bananas were arrested.
44. An official letter is being written to the headteacher by Tamale.
45. Gimei asked, "Has the ambulance arrived?"
46. Both the player and the coach were tested for COVID-19.
47. Had we terraced the hillsides, we wouldn't have experienced soil erosion.
48. Alcohol was used for making sanitisers.
49. Having said our prayers, we went to bed.
50. A television is very useful and so is a radio.

SECTION B

51. (a) The poem is about the Mumba tree.
(b) The villagers looked at the Mumba as the gate/as a towering tree/as the tallest tree.
(c) The Mumba tree grew in the valley.
(d) The Mumba tree was useful to the people in that its bark and leaves were used as medicine.
(e) They didn't know how old the Mumba tree was.
(f) The fearless chopped the Mumba tree.
(g) Eagles lived in the Mumba tree.
(h) Bataka Gideon is the poet.
(I) Some people feared the Mumba tree because they thought it was a goddess.
(j) ferried means carried
52. (a) Good evening Ssenku.
(b) I am going to the trading centre.
(c) Yes please, I am going to do some shopping.
(d) I also plan to pass by the medical centre.
(e) Yes please/oh yes.
(f) I am going to check on my cousin.
(g) He was involved in an accident in town.
(h) Yes, but he was not seriously hurt.
(I) He may be discharged soon.
(j) Oh yes, thank you/yes please, thank you.
53. a) Agaba Junior wrote the letter.
(b) The letter was written on 20th June, 2020.
(c) It was written to the General Manager, Busunju Sugarcane Growers.
(d) The letter was written to remind the General Manager about the broken-down sugarcane crusher.
(e) The company is found in Busunju.
(f) I think this company is important because it produces sugar.
(g) This company might be useful to the community living nearby by providing employment to them.
(h) (i) continue - resume/proceed
(ii) grateful - happy/thankful/pleased
54. 10, 1, 4, 7, 2, 9, 6, 3, 5, 8
55. 1. The announcement was made on the 9th June, 2020.
2. Capt. George Ntumwa died.
3. He died in a motor accident.
4. The body is at Kitwe Hospital mortuary.
5. Ayub Nyanzi is a Mayor of Kitwe town.
6. (a) Capt. - Captain
(b) UPDF - Uganda People's Defence Forces.
7. A mortuary is a room at the hospital where bodies are kept.
8. I think accidents can be avoided by driving carefully, controlling speed and respecting other road users.
9. Arrangements means preparations.

ENGLISH (P ENG 007)

THE TEACHERS



EDWARD TINDIKAHWA,
KAWEMPE MODERN
PRIMARY SCHOOL



JANE ANNE APIA,
KAMPALA QUALITY
PRIMARY SCHOOL

SECTION A

Sub-section I

In questions 1-10, use the correct form of the words in the brackets to complete the sentences.

- The dough was a _____ of yeast, flour and eggs. (mix)
- Mutebi works as an _____ at Centenary Bank. (account)
- The things were _____ in an abandoned house. (hide)
- If COVID-19 hadn't broken out, we _____ second term's work. (do)
- Do you know the _____ of the word 'salon'? (pronounce)
- Omonya wrote an _____ story. (imagine)
- This cartoon looks _____ than the other one. (funny)
- The opposition leader raised a point of _____ in Parliament. (inform)
- We should vote _____ for good leaders. (wise)
- "Chози" my cow has produced twin _____. (calf)

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

- Many _____ were seen on foot from Kampala.
- Aunt is to uncle as _____ is to nephew.
- _____ Karonya nor Amooti broke curfew rules.
- Our schools have not opened _____ March.
- A _____ of sheep was seen grazing near the maize garden.

In questions 16-18, arrange the words to make meaningful sentences.

- paid fees had I when closed schools.
- television learning are from the we.
- laptop did buy you the? Why

For questions 19-20, arrange the words in alphabetical order.

- carpenter, can, care, carry
- lockdown, lock, locking, locked

In questions 21-23, give the full forms of these short forms.

- ATM

- CCTV
- SMS

In questions 24-26, re-write the sentences giving the plural forms of the underlined words.

- The volcano may erupt anytime.
- The louse may be found in a dirty blanket.
- Did the taxi-driver walk to Parliament?

For questions 27-28, give the opposites of the underlined words.

- Temporary wards were put up due to COVID-19 infections.
- The vaccine trial was a failure.

In numbers 29-30, re-write the sentences and give one word to mean the underlined words.

- My Irish potatoes took a period of fourteen days to sprout.
- The smart phone thief was treated without mercy.

Sub-section II

- My sister wrote the application. (Begin: The application _____)
- Baruli has to go to Kampala tomorrow. (Re-write the sentence using _____ going _____)
- Our elder sister was a good technician. She repaired the laptop easily. (Re-write the sentence as one using _____ such a _____)
- I read many books and became wise. (Begin: The more _____)
- Pande baked bricks because he wanted to make some money to pay for school fees. (Re-write the sentence using _____ so as _____)
- Barigye asked "Will all the corona suspects be quarantined today?" (Re-write beginning: Barigye asked if _____)
- In spite of his wisdom, many people do not respect him. (Re-write the sentence beginning: Although _____)
- If that girl does not check her behaviour, she will land in trouble. (Re-write the sentence using _____ unless _____)
- This is the boy. His father helped the accident victim.

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ENGLISH QUESTIONS (P ENG 007)

(Write as one sentence using _____ whose _____)
40. My friend has gone to test for corona virus. (Begin: A friend _____)
41. As soon as Abu ate the berries, he felt stomachache. (Re-write the sentence beginning: No sooner _____)
42. Our neighbor is very proud. He doesn't greet anyone. (Write as one sentence using _____ too _____ to _____)
43. They stole my laptop from the car. (Begin: My laptop _____)
44. Kewaza went to the garden. He wanted to plant onions. (Re-write as one sentence using _____ in order to _____)
45. Kato is very skilled at milking goats. (Re-write beginning: How _____)
46. Were you informed about carpentry and tailoring? (Begin: Do you have any _____)
47. Kule had a video camera to cover the scientific wedding function. (Re-write beginning: If Kule hadn't had _____)
48. George asked have you written the letter (Punctuate the question correctly)
49. I fell off my bicycle! I was riding to beat curfew time. (Begin: While I _____)
50. I read a book about coronavirus. It was small. It was interesting. (Write as one sentence without any joining word)

SECTION B

51. Read through the dialogue between Atwiine and Dralega. Suggest what Atwiine says.

a) Atwiine: _____
Dralega: Good afternoon Atwiine.
b) Atwiine: _____
Dralega: I am rushing to the bank.
c) Atwiine: _____
Dralega: I am going to report the missing of my ATM card.
d) Atwiine: _____
Dralega: I knew about it last night.
e) Atwiine: _____
Dralega: No, I haven't reported to police.
f) Atwiine: _____
Dralega: I was not coming from anywhere!
g) Atwiine: _____
Dralega: I was at home. You know there is curfew.
h) Atwiine: _____
Dralega: I was re-arranging my documents.
i) Atwiine: _____
Dralega: Oh yes, I need to report the loss to police.
j) Atwiine: _____
Dralega: The report to the bank will help to alert all branches about the missing ATM card.

52. Read the sentence that are jumbled and arrange them to make sensible steps to take in driving an automatic car. Driving an Automatic Car

1. To reduce speed or stop the car, gently press the brake pedal.
2. Second, check the oil, water, and battery.
3. When engine is run, press brake pedal, and engage "D" gear.

4. When you have sat properly, wear the seat belt, and put the key in ignition.
5. "D" means drive, release hand brake, ease the brake and gently press the accelerator.
6. The car will then move forward as you accelerate.
7. After checking these, close the bonnet and sit at the driver's seat.
8. As it moves, steer straight with hands firmly holding steering wheel at a slow speed.
9. Turn the key clockwise to start the engine, with the right foot on the brake pedal.
10. First, check if the parked car is ok as it was.

53. Read the story carefully and answer the questions about it in full sentences.

Exercise for Good Life.

I was very astonished when 56-year-old Moses said he had moved on foot a distance of twenty-five kilometers in one-and-a-half hours. I wondered how fast he must be on his feet. I was eager to talk to him. When I contacted him about how he had made it, he told me that he was naturally an athlete.

In his primary school days, he would run a distance of ten kilometers each morning and back home in the evening. He went on in high school, university, and when he started work. Now he is about to retire and has replaced running with walking. He advises his friends and everyone that fast walking is good. For at least thirty minutes each day is good enough. It supplies more oxygen to the lungs and the heart. It also strengthens the muscles and bones.

Moses further told me his children are expert athletes and enjoy hiking, cycling, and jogging with him. During the lockdown, neighbors and friends have learnt the importance of exercising to keep fit after his advice. He says walking twenty-five kilometers in thirty minutes is his target. He is also planning an "old men" association to interest them in brisk walking to fight old age diseases like prostate cancer, diabetes, and high blood pressure.

"If all of us exercise more and feel well, we shall have a healthier life" he advises everyone.

1. Whom is the story about?
2. How long was the distance he moved on foot?
3. How would Moses go to school daily?
4. What has replaced his running in old age?
5. Why is fast walking important to someone?
6. Give a word to mean: (a) astonished
(b) moved on foot
7. Name two activities Moses' children are involved in.
8. What is his target in walking?
9. Why is Moses planning an "old men" association?

54. (a) Read part of the timetable Maria follows at home during the lockdown and answer the questions.

Time	Activity
Mon: 7:00am - 9:00am	Chores at home
Tue: 11:00am - 1:00pm	Radio lessons (P5)
Wed: 2:00pm - 3:00pm	Netball Practice
Thur: 12:00pm - 3:00pm	Dipping cows
Fri: 6:00pm - 8:00pm	Supper preparation
Sat: 10:00am - 3:00pm	Coffee picking
Sun: 9:00am - 11:00am	Sunday service

1. Whose timetable is displayed?
2. What does she do on Thursday?
3. How long does Maria take at radio lessons?
4. Why do you think she does chores?
5. When does she pick coffee?
6. What is her shortest activity?

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

He cleans up the goat pens
Does so to the hens
They need a clean house
Says to himself

He tethers the kids
Takes the mature ones
To graze in fresh fodder
As they're older

He waters the herd
In a while he sells some
To customers who come
Chevon is the meat
The reason he keeps goats
Ali Lokungu

1. Why does he clean up the pens?
2. Where does he graze the goats?
3. Why do you think he keeps goats?
4. Name the goat meat.

55. Choose a suitable word to fill in the blank spaces.

Ought, act, parents, blaming, duty, chores, children, trouble, child, guardian

Some _____ blame stepmothers for trying to correct them and give them _____ as they grow up. It is the duty of every parent or _____ to help children grow up responsibly. _____ at home like fetching water, cooking, or cleaning up are good practices which every _____ must do. It is every child's _____ to understand what parents expect of them and _____ accordingly. Children who keep on _____ stepmothers without looking at their weakness should stop it. They _____ to know that these parents are doing them a good service. May be when they are old enough, they will appreciate these who always guided them to work. On the other hand, it is true that some _____ especially men side with their wives. They never listen to their children! Ooops.

MATHEMATICS QUESTIONS (P MATHS 005)

THE TEACHERS



KIZITO SSEMANDA,
SACRED HEART JINJA
KAROLI PRIMARY
SCHOOL

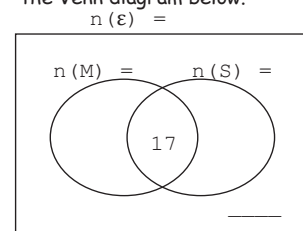


JOHN ONYAIT,
ST PETER'S
NANTABULIRWA COU
PRIMARY SCHOOL

SECTION B

1. Given the number 3042_{five},
a) Show the number on an abacus.
b) What is the place value of zero in the number?
c) Find the sum of the 4 and 2.
2. Mr. Mulenga wanted to buy the following items.
I) $1\frac{1}{4}$ kg of meat at UGX 12000 per kg .
II) 750g of salt at UGX 2000 a kg
III) A loaf of bread at UGX 3500.
If Mr. Mulenga used UGX 5000 for transport, how much will he spend altogether?

3. At a presidential press conference attended by 75 journalists, 47 had masks (M), 17 had masks and sanitizers, some journalists (y) had only sanitizers (S), but some journalists (y - 4) were not allowed to attend because they did not have any of the two.
a) Use the above information to complete the Venn diagram below.

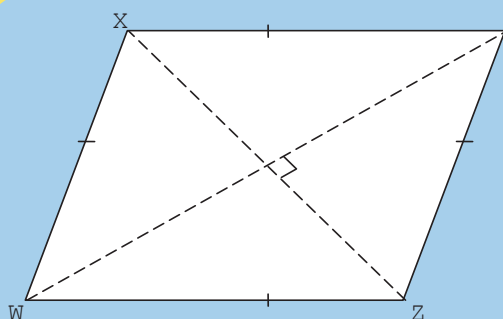


SEND YOUR QUESTIONS TO: learners@newvision.co.ug

MATHEMATICS QUESTIONS (P MATHS 005)

- b) Find the number of journalists who were not allowed to attend the press conference.
- c) Which advise do you give to people who don't want to put on masks and wash their hands regularly with clean water and soap?
4. Using a sharp pencil, ruler and pair of compasses only,
- Construct a square with diagonals 8cm each.
 - How long is each side of the square?
 - What is the distance around the square?

5. The diagram below shows a quadrilateral WXYZ whose area is 96cm^2 and the diagonal ZX = 12cm.



- How long is each side of the quadrilateral?
 - Calculate the perimeter of the figure.
6. a) Work out: $4.2 - 8.5 + 7.6$
- b) Simplify: $3\frac{1}{3} \div 2\frac{1}{2} \times (\frac{1}{4} \text{ of } \frac{9}{12})$
7. The exchange rate for United States dollar (US \$) to Uganda shillings and Kenya shillings (KES) to Uganda shillings are shown below.
- US \$1 = UGX 3800
- KES 1 = UGX 37
- If Mulindwa bought a television at KES 190,000, find the cost of the television in US \$.
 - A trader had 280 United States dollars, how much is this in Uganda shillings.
8. The timetable below shows how a P.7 candidate spends her time during the lockdown on a daily basis.

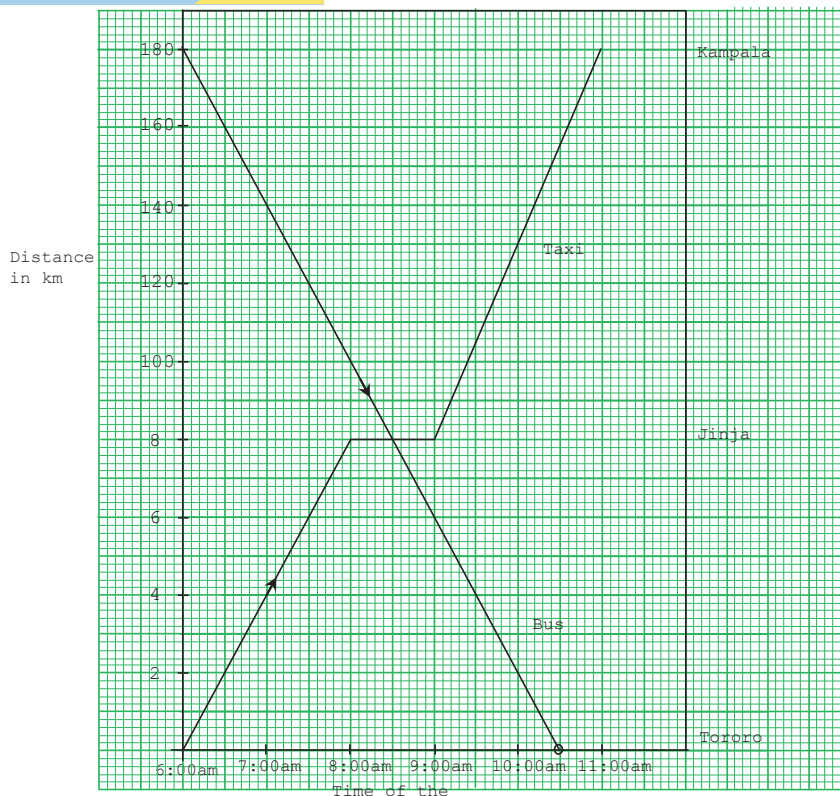
Time	Activity
6:00am - 9:30am	TV lessons
9:30am - 11:45am	Physical exercise
11:45am - 1:00pm	Bathing and washing
1:00pm - 2:30pm	Lunch and resting
2:30pm - 4:00pm	Playing
4:00pm - 7:30pm	Revision

- How many minutes did she spend watching television?
- If she takes 70 minutes revising one subject, how many subjects does she revise a day?
- In your own understanding, why do you think this candidate takes time doing physical exercise?

9. At Malaba border, $\frac{1}{2}$ of the truck drivers who tested positive to COVID-19 were from Tanzania, $\frac{3}{4}$ of the remainder were from Kenya and the rest were from other neighbouring countries.
- Find the fraction of truck drivers who came from other neighbouring countries.
 - If 23 truck drivers came from other countries, how many truck drivers came from Tanzania?

10. The median of 5 consecutive even numbers is $x + 4$, sum is 120.
- Find the numbers.
 - Work out the range of the numbers.

11. A father is 18 years older than the daughter. In ten years, the father will be twice as old as the daughter.
- How old is the father now?
 - Find the sum of their age in ten years' time.
12. The graph below shows the journey made by a bus and a taxi. Study it carefully and use it to answer the questions that follow.
- Journey made by a taxi and a bus
- At what time did the taxi meet the bus?
 - How far is Kampala from Jinja?
 - How long did the taxi stay at Jinja?
 - Which vehicle took more time to cover the distance?
 - Calculate the average speed for each vehicle.



MATHEMATICS ANSWERS (P MATHS 005)

$$\begin{array}{r} 143 \\ \times 3 \\ \hline 429 \end{array}$$

2.

Thousands	Units
555	059

555059 \Rightarrow Five hundred fifty five thousand, fifty nine.

3. $18 \div 1 = 18$ $18 \times 1 = 18$

$18 \div 2 = 9$ Or $9 \times 2 = 18$

$18 \div 3 = 6$ $3 \times 6 = 18$

$A = \{1, 2, 3, 6, 9, 18\}$

Number of subsets = 2^n

$n(A) = 6$

$2^n = 2^6$

$= (2 \times 2) \times (2 \times 2) \times (2 \times 2)$

Turn to next page

MATHEMATICS SOLUTIONS (P MATHS 005)

$$= (4 \times 4) \times 4$$

$$= 16 \times 4$$

$$= 64 \text{ subsets}$$

$$4. \frac{2}{\cancel{3}_1} \times \frac{\cancel{6}^2}{7} = \frac{2 \times 2}{1 \times 7} = \frac{4}{7}$$

$$5. 3(a+2) - 2(a+3)$$

$$3a + 6 - 2a - 6$$

$$3a - 2a + 6 - 6$$

$$a$$

6.

$$\begin{array}{cccccc} 28 & 30 & 33 & 38 & 45 & 56 \\ +2 & +3 & +5 & +7 & +11 & \end{array}$$

7.

$$\begin{array}{r} 1101_{\text{two}} \\ + 111_{\text{two}} \\ \hline 10100_{\text{two}} \end{array}$$

$$1+1=2 \div 2 = 1 \text{ r } 0$$

$$1+1=2 \div 2 = 1 \text{ r } 0$$

$$1+1+1=3 \div 2 = 1 \text{ r } 1$$

$$1+1=2 \div 2 = 1 \text{ r } 0$$

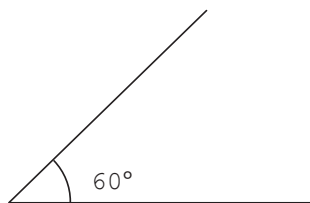
$$8. 1 \text{ tone} = 1000\text{kg}$$

$$2.5 \text{ tones} = \frac{25}{10} \times 1000$$

$$= 25 \times 100$$

$$= 2500\text{kg}$$

9.



$$10. \text{Sp} = \text{Buying price} - \text{loss}$$

$$\begin{array}{l} \text{UGX } 250,000 \\ = -\text{UGX } 60,000 \\ \hline \text{UGX } 190,000 \end{array}$$

$$11. \left(\frac{2x+y}{y} \right)^2 = \left(\frac{2x+y}{y} \right) \times \left(\frac{2x+y}{y} \right)$$

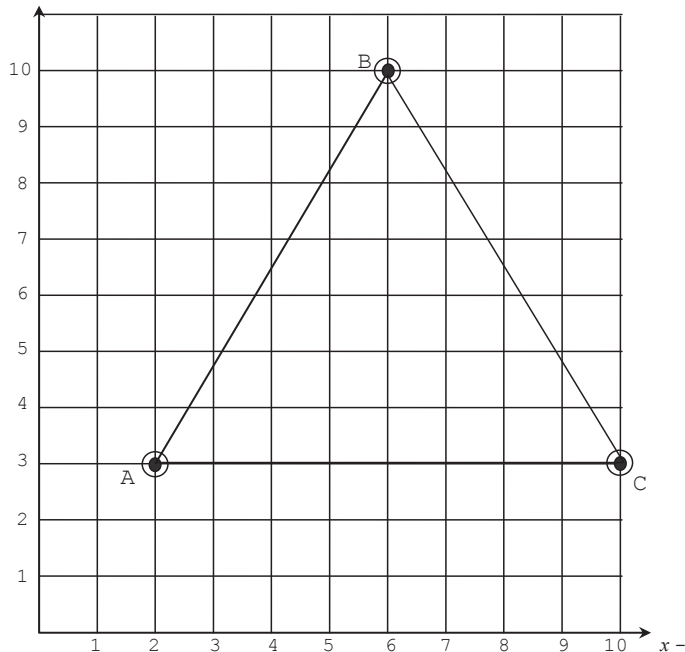
$$= \left(\frac{2 \times x + y}{y} \right) \times \left(\frac{2 \times x + y}{y} \right)$$

$$= \left(\frac{2 \times 4 + -3}{-5} \right) \times \left(\frac{2 \times 4 + -3}{-5} \right)$$

$$= \left(\frac{8-3}{-5} \right) \times \left(\frac{8-3}{-5} \right)$$

$$= \frac{5}{-5} \times \frac{5}{-5} = -1 \times -1 = +1$$

y -



a) A(2, 3) and B(6, 10)

$$13. 72\text{km} \rightarrow \text{m}$$

$$1\text{km} = 1000\text{m}$$

$$72\text{km} = (72 \times 1000)\text{m}$$

$$2 \text{ hrs} \rightarrow \text{seconds}$$

$$1\text{hr} = 3600 \text{ seconds}$$

$$2\text{hrs} = (2 \times 3600) \text{ seconds}$$

$$S = \frac{D}{T} = \frac{\cancel{72}^{\cancel{36}} \times 10 \cancel{00} \cancel{0}}{\cancel{2}^1 \times \cancel{36}_1 \cancel{00} \cancel{0}} = 10\text{m/sec}$$

$$14. 0.00453 \times 10 = 0.0453$$

$$0.0453 \times 10 = 0.453$$

$$0.453 \times 10 = 4.53$$

$$0.00455 = 4.53 \times 10^{-3}$$

15.

Sun	Mon	Tue	Wed	Thur	Fri	Sat
0	1	2	3	4	5	6

$$2 + 20 = \underline{\quad} \pmod{7}$$

$$\frac{22}{7} = 3 \text{ r } 1$$

1 represents Monday, therefore the next

presidential address will take place on Monday.

$$7 : 48 \text{ am}$$

$$16. \frac{00 : 00}{07 : 48 \text{ hrs}}$$

$$07 : 48 \text{ hrs}$$

$$7:48 \text{ am} = 07 \text{ 48 hrs}$$

$$7:48 \text{ am} = 07 \text{ 48 hrs}$$

$$17. 8^{(5+6)} - 8$$

$$8^{11-8}$$

$$8^3 = 8 \times 8 \times 8$$

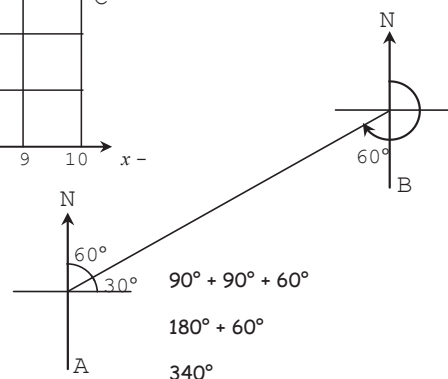
$$= 512$$

18.

$$90^\circ$$

$$30^\circ$$

$$60^\circ$$



∴ The bearing of A from B is 340°

$$19. 28^\circ + 90^\circ + 2P = 180^\circ$$

$$118^\circ + 2P = 180^\circ$$

$$118^\circ - 118^\circ + 2P = 180^\circ - 118^\circ$$

$$\frac{2P}{2} = \frac{62^\circ}{2}$$

$$P = 31^\circ$$

$$20. \sqrt{1\frac{11}{23}} = \sqrt{\frac{36}{20}} = \sqrt{\frac{36}{25}}$$

$$\sqrt{36} = 2^2 \times 3^2$$

$$\sqrt{36} = 2^{2 \times 2} \times 3^{2 \times 2}$$

$$= 2 \times 3$$

$$= 6$$

$$\sqrt{25} = 5^2$$

$$\sqrt{25} = 5^{2 \div 2}$$

$$= 5^1$$

$$= 5$$

$$\frac{\sqrt{36}}{\sqrt{25}} = \frac{6}{5} = 1\frac{1}{5}$$

More answers and questions next Sunday

SECTION A

1. The pulmonary vein carries oxygenated blood from the lungs to the heart.
2. The lemon contains citric acid that destroys the virus.
3. A dustbin is used for proper disposal of dust and rubbish picked from the classroom.
4. Fruits are rich in vitamins which keep the body healthy and protected from diseases, Fruits improve body immunity.
5. Sorting, floating off the dry leaves.
6. Mushrooms do not have chlorophyll.
7. Air occupies space.
8. Trees reduce soil erosion, Trees provide shades.
9. May result into floods.
10. Many birds can be kept in a single room.
11. By withdrawing in its shell. Snails hide in their shells if they are attacked.
12. Rare gas.
13. An egg won't hatch if not fertilised, when the conditions are not favourable.
14. Prescribed drugs prevent over dose / under dose, Prevent drug abuse and drug misuse
15. Houseflies spread germs which cause diseases to people.
16. Chemical change.
17. A.
18. Molecules are tightly packed together, Molecules are closely packed together
19. The ovary produces the ovum while the oviduct is where fertilisation of the ovum occurs.
20. Sanitisation helps to remove and kill germs.
21. Gaseous state.
22. Bush burning kills/destroys the bacteria/living organisms of the soil, leads to soil erosion
23. A wedge
24. Physical body exercises help to keep the body systems in good working condition.
25. Protein.
26. A ventilated house enables proper air circulation.
27. Microscope.
28. A P7 candidate can use it to observe and identify microbes or micro organisms such as bacteria and virus. Can be used to see tiny/ microscopic organisms.
29. Presence of moisture and warmth.
30. Symbiotic mode of life. "Plants exist because animals exist and animals exist because plants exist.
31. A bat moves at night with the help of echoes.
32. Children can easily misuse the drugs, overdose themselves or simply destroy the drugs, To prevent drug poisoning
33. Anti-social behaviours common in

INTEGRATED SCIENCE ANSWERS (P SC 006)



EDISON
MUGENYI,
ST JOSEPH'S
NSAMBYA GIRLS
PRIMARY SCHOOL



MICHAEL
KIMBOWA
SSONKO,
LUBIRI PRIMARY
SCHOOL

THE TEACHERS

- schools include smoking, alcoholism, abusing, stealing and escaping
34. To prevent faeces and urine from going into water and contaminate it.
 35. Cholera, typhoid, bilharzias.
 36. Ambulances help to rush people in critical conditions to referral hospitals.
 37. Mixed cropping keeps the soil fertile. The farmer gets a variety of produce.
 38. Pasteurised milk is heated rapidly at either to 63°C for 30 minutes or 73°C for 15 minutes and then cooled rapidly to kill germs.
 39. Knapsack sprayer.
 40. The farmer uses it to spray animals or crops with pesticides or insecticides respectively.

SECTION B

41. a) The 4Fs are the Faeces, Flies, Fingers and food. Flies can visit the faeces, and then go to the food. The fingers are used to eat the dirty or contaminated food.
- b) Diarrhoea
- c) Keeping clean, cover food and proper disposal of faeces.
- d) Washing hands regularly controls both COVID-19 and diarrhoeal diseases.
42. a) Farm records help the farmer to maximise profits, Helps to know income and expenditure
- b) Capital, Premises/land or site, Market, Transport, Management, Labour.
43. a) Distillation method
- b) The condenser turns/cool the vapour into liquid.
- c) Distilled water doesn't have mineral salts required by the body.
- d) Heat from the sun.
44. a) Drugs that kill insects can easily affect human beings more than the mosquito net.

- b) Red blood cells.
- c) The anopheles mosquito rests in an oblique position while a culex rests in a horizontal position on the body.
- d) The male mosquito doesn't feed on blood.
45. a) Incident ray.
- b) Angle of incidence is equal to the angle of reflection. The normal ray is incident at 90° to the reflecting surface.
- c) To get angle r, need to find angle i first
 $i + 45^\circ = 90^\circ$
 $i + 45^\circ - 45^\circ = 90^\circ - 45^\circ$
 $i = 45^\circ$
 So since angle i is 45°, then angle r is also 45° because the law of reflection states that the angle of incidence is equal to the angle of reflection
46. i) Green is earth wire
 ii) Red is Live wire
 iii) Black is neutral.
- b) Colours are for identification of the wire used at different points. This is to avoid short circuiting/prevent electric shocks
47. a) Puberty is the stage of development when one becomes sexually mature.
- b) Pregnancy is the period taken from conception to giving birth; Pregnancy is the acquisition of a fertilised ovum in the uterus.
- c) Menses are the remains of a collapsed uterine wall and the ovum after a failed pregnancy.
- Blood and other matter discharged from the uterus at menstruation.
- d) Adolescence is the transition stage between childhood and adulthood.
 - Adolescence is the stage of growth when one starts to experience primary and secondary sexual characteristics.
48. a) A is a Cork, B is the Vacuum.
- b) Wood and plastic are poor conductors of

- heat.
- c) A thermos flask keeps our items kept in it at the same temperature required by the user. Keeps hot things hot and cold things cold.
 49. a) i) Bush fallowing is the practice of leaving part of the land in bush/without cultivating it to enable it to regain its fertility.
 - ii) Mulching is a garden practice where a garden is covered by dry plant materials in an effort to reduce loss of moisture from the soils.
 - b) i) Wheelbarrow is used to carry items such as soil, harvest, rubbish, and tools.
 - ii) A rake is a garden tool used to collect rubbish or weeds.
 50. a) i) Fuse breaks the circuit in case of high voltage flow, when short circuit has occurred.
 - ii) Wires/cables make the path for the electrons across the circuit, Conducts electricity
 - b) Filament.
 - c) Chemical energy changes to electric energy.
 51. a) A is inhalation, B is exhalation.
 - b) A the diaphragm flattens, B the diaphragm regains its dome shape.
 52. a) The vulnerable groups are people whose life can easily be endangered.
 - b) These are; the very young, the very old, the ill, the pregnant ladies
 - c) The care includes; feeding them, watching over their activities (babies), keeping/cleaning them, giving them first aid.
 53. a) Excretion is the removal of waste substances from the body.
 - b) Organs for excretion include: kidney, skin, lungs, liver
 - c) Excretion helps to remove toxins from the body.
 54. a) i) Floating objects are substances that keep on the surface of the fluids. They have a lower density than that of the fluids on which they are floating.
 - ii) Sinking objects have a higher density than the liquid or fluid they are put. Sinking objects go to the bottom of the fluid.
 - b) The stone has a higher density than water
 - c) The stone is irregular. One cannot measure its length, width, height.
 55. a) Stroking method.
 - b) It will be repelled since they will be like poles with X
 - c) The cork prevents attraction of magnets. Maintains the magnetism of the permanent magnets.
 - d) An iron rod can be attracted by a magnet.

INTEGRATED SCIENCE (P SC 007)

SECTION A

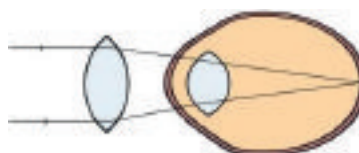
1. When do chameleons change their colour?
2. In which one way is water from unclean source dangerous to people?

Below is medical equipment. Use it to answer questions 3 and 4



3. Name the medical equipment shown above.
4. How is the above equipment useful to people during this COVID-19 pandemic?
5. Apart from tree planting, identify any one income generating project one can start at home especially during this COVID-19 lockdown.
6. How do mulches help to control the growth of weeds in a garden?

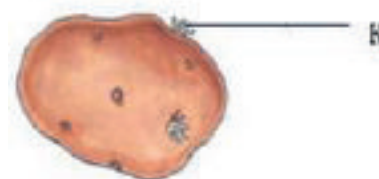
The illustration below shows correction of an eye defect. Use it to answer questions 7 and 8.



7. What eye defect has been corrected in the above illustration?
8. What could have caused the eye defect mentioned above?
9. Give any one way an apiarist can control the swarming of bees.
10. State any one danger of plastics in the environment.
11. Why does a person suffering

- from malaria become anaemic?

The diagram below shows a tuber crop. Use it to answer questions 12 and 13.

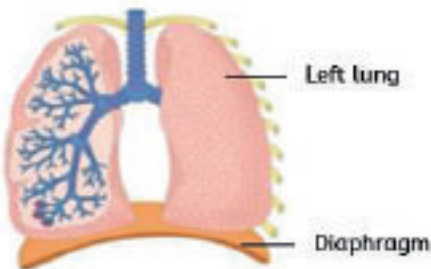


12. Name the part labeled K.
13. To which group of tuber crops does it belong?
14. How does tree cutting in an area lead to soil erosion?

INTEGRATED SCIENCE (P SC 007)

15. A part from breast feeding, name one other natural method of child spacing.
16. Which element of PHC is promoted when a pregnant woman visits a hospital for antenatal?
17. How do UMEME workers prevent the breaking of electric wires in between electric poles during a cold weather?
18. Give any one common use of shadows to people and other animals.
19. In which state of matter is ghee at room temperature?
20. Why are mothers encouraged to breast feed their new born babies exclusively for the first six months?
21. The water hyacinth is a weed that is dangerous on our lakes. State any one danger of this weed.
22. What is hibernation?
23. Which body system is commonly affected by tetanus?

The diagram below shows organs of the respiratory system. Use it to answer questions 24 and 25.



24. Using an arrow, indicate the position of the heart
25. Which part of the skeleton protects the above body organ?
26. How does slashing tall grass near our homes control malaria?
27. Apart from killing germs, how else is hydrochloric acid important in the stomach?
28. How is germination similar to sweating?
29. When a glass with cold water was put on a table, water droplets were seen on the outside of the glass. Which process causes the water droplets on the outside of the glass?
30. How does keeping fish in a pond help to control malaria in a home?
31. Apart from use of chemicals, give any other way of controlling pests in a garden.
32. Why do iron filings concentrate at the end poles when a bar magnet is put nearest to them?
33. In which way is the sun important in a food chain?
34. Of what importance are earth worms in soil formation?
35. Mention any one condition which can lead to vulnerability of a person.
36. How does smoke from a fire place in a room reach other nearby areas?
37. Give any one common root vegetable used in

- the preparation of sauce at home.
38. Why are people encouraged to use clay charcoal stoves when cooking?
39. State any one difference between a frog and a toad.
40. Why are pregnant women tested for HIV status during antenatal care?

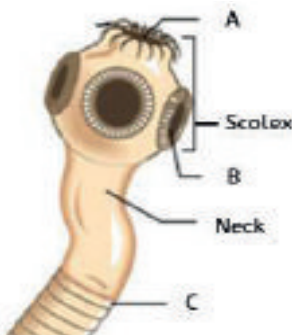
SECTION B

41. a) Identify the major characteristic of mammals.
b) Name two examples of an egg laying mammal.
c) In which one way are mammals different from reptiles?
42. In the table below, match items in A with those in B correctly

A	B
Lungs	Stores mineral salts
Heart	Balances the level of water in the body
Liver	Pumps blood in the body
Kidney	Excretes carbon dioxide

43. a) Name two process involved during distillation of alcohol.
b) Give any one use of alcohol to people.
c) How is alcoholism dangerous to people?
44. Some people in Uganda keep rabbits to get income and meat.
a) Give any two ways in which the farmers can keep these rabbits healthy.
b) How can you identify a sick rabbit from the healthy ones?
c) Name one common exotic breed of rabbits.
45. a) What is immunity?
b) Mention two ways of acquiring immunity.
c) Identify the component of blood responsible for body's immunity.
46. a) Define the following as applied in measurement
i) Mass ii) Weight
b) A block of wood has a mass of 24g and volume of 6cc. Find its density.
c) Why does a stone thrown up fall back on the ground?

47. The diagram below is of an intestinal parasite. Study it carefully and use it to answer questions that follow.



- a) What is the name of the above intestinal worm?
- b) Name parts marked A and B
- c) State the function of part marked B
48. a) Name any one material that can be used as litter in a deep litter house.
b) Give any two ways in which putting litter in a poultry house is important.
c) How is old litter useful to a farmer who grows food crops?

49. The diagram below shows a modern garden tool. Use it to answer questions that follow.

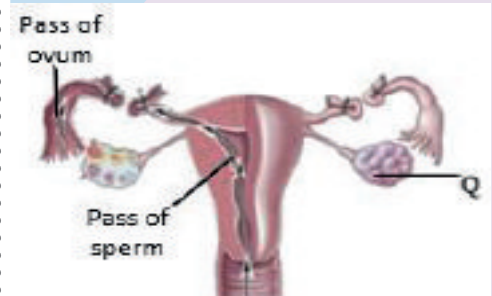


- a) Give any two uses of the above tool on a farm.
- b) Why is the above farm tool regarded as a complex machine?
- c) Give one advantage of the above machine over other local tools used on a crop farm.
50. a) What are root tubers?
b) Name any one disease which attacks cassava plants in a garden.
c) Apart from cassava and sweet potatoes, name one other example of a root tuber.
d) Why is a sugarcane plant not regarded as a stem tuber crop?
51. The diagram below is of a lung fish. Use it to answer questions that follow.



- a) Name the parts labelled A and B.
- b) How is the part labelled B important to the above fish?
- c) Why is the above fish good for children suffering from kwashiorkor?
52. a) What is seed dormancy?
b) Give any two factors that may cause seed dormancy.
c) How important is moisture during seed germination?
53. a) Identify any one good health practice done by individuals in your community.
b) Name any two groups of people with special needs in your community.
c) Suggest one activity carried out to promote child to child programme in your community.

54. The diagram below shows a family planning method. Study it carefully and answer questions that follow.



- a) What family planning method is shown above?
- b) Suggest one reason why the above family planning method is not preferred by most mothers in Uganda.
- c) How important is part marked Q in reproduction?
- d) State one permanent family planning method in males.
55. a) What is crop rotation?
b) State two importance of crop rotation.
c) Why do farmers include legumes in the crop rotation cycle?




SOCIAL STUDIES AND RELIGIOUS EDUCATION ANSWERS (P SC 006)


SECTION A

1. A map should have a key to interpret the symbols/colour used on the map.
2. Due to the rotation of the earth from West to East.
3. Indians Coolies helped to build the "Uganda Railway" at the end of the 19th century which promoted trade in East Africa.
4. Due to the presence of pasture on which herbivorous animals feed.
5. Colonialism was one of the major causes/ Heavy taxation policy/ Harsh and brutal methods of tax collection for example those who failed to pay were severely tortured, imprisoned and their property was taken away.
6. It is important for the farmer to know the dry and rainy months of the place where he lives so as to plan when to plant and harvest their crops.
7. COVID-19 has scared off tourists from travelling thus making the tourism industry lose money that would be collected from tourists.
8. The railway was intended to link Uganda to the coast and promote trade.
9. Polythene bags and plastics block free movement of water and air in the soil thus making it infertile.
10. Do not play on the road/Before crossing a road, look left-right-left and if it is clear begin crossing/don't drive under influence of alcohol.
11. Move with their animals from place to place looking for water and pasture/practice communal grazing/ Large number of animals are kept.
12. Nelson Mandela was opposed to colonial rule in South Africa which was oppressive to the people of South Africa.
13. Forests cover the land from direct sun heat thereby controlling weathering which would lead to soil erosion/Forests act as windbreaks there by controlling soil erosion by wind.
14. Sunshine recorder/ Campbell-Stokes recorder.
15. Used for recording the amount of sunlight that a particular location receives throughout a day.
16. It is painted blue to absorb sun's heat and record the amount of sunlight.
17. Lake Victoria is a source of fish which leads to establishment of many fish processing industries/Lake Victoria is source of sand which leads to development of ceramic industries/Source of water for which a raw material for soft drink industries such as Century Bottling Company.
18. Through elections.
19. Algiers.
20. Uganda had become an independent country from Britain.
21. The need to restore the independence of Buganda/King Mwanga wanted to restore his royal power which he had lost to the British.
22. Helps to give loans to the farmer/Keeps farmers' money safe.
23. The parliament represents the people and makes the laws, while the Executive executes and administers the laws and sets policy.
24. Limited capital to buy and maintain mining machines/Extinction of copper in some areas.
25. UNICEF invests in teacher training for improved learning of children/
26. "One People One Destiny"
27. -IBECO had spent more than it was earning from Uganda and ran bankrupt.
28. Land fragmentation discourages large scale farming leading to low food production.
29. Nomadic pastoralism.
30. The government uses the money it gets from OTT to: pay civil servants/construct roads/establish and maintain health facilities, etc.
31. I learn to trust in God/I learn to put God first in whatever I do.
32. River confluence is a meeting point of two or more rivers.
33. Buganda wanted agreements from the British for her special status/Buganda wanted her independence.
34. There are many milk processing industries in Kampala than in Karamoja.
35. Sir Hesketh Bell developed small-scale farming in Uganda and encouraged cotton growing.

THE TEACHERS



MULIMIRA JEROME,
JIT PRIMARY SCHOOL,
MUKONO

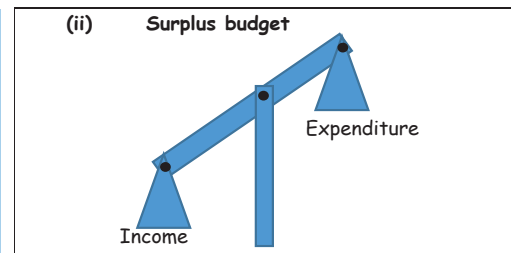
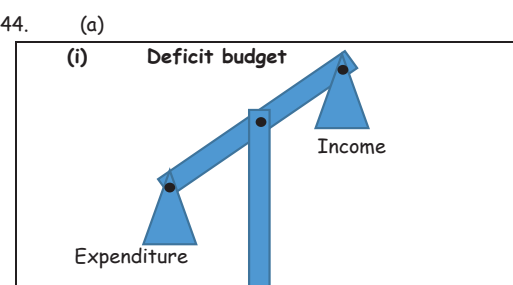


TOM KIBIRANGO,
GOOD TIMES INFANT
SCHOOL, KAWAALA

36. **EITHER** To forgive them because we are all sinners.
OR To forgive them.
37. **EITHER**: -Sixty-six (66) books.
OR There are 114 Surahs in the Quran.
38. **EITHER** So that people can get time to worship God and fellowship.
OR Friday is a sacred day of worship in a chapter called "Al-Jumah," meaning the day of congregation,
39. **EITHER** King Herod thought Jesus has come to take over his earthly kingship and felt jealous.
OR Prophet Muhammad (P.B.U.H) moved from Mecca to Medina to escape persecution.
40. **EITHER** To get close to God/ To understand God better.
OR To get close to Allah/ To understand Allah better.

SECTION B

41. a) The Uganda flag was first raised on 9th October, 1962.
b) (i) Black colour represents the black skin of the Ugandan people.
ii) Red colour represents Brotherhood and Sisterhood.
c) The bird is peaceful, gentle, beautiful and graceful/ It has the three colours of Uganda flag.
42. (a) Bad practices to avoid before elections:
- De-campaigning opponents
- Destruction of opponents' campaign posters.
- Buying of voters with basic essential items like salt, sugar, soap.
(b) Bad practices to avoid during elections:
- Voting more than once (multiple voting)
- Campaigning during voting.
- Ballot stuffing with illegally pre-ticked ballot papers.
43. (a) -Heavy rainfall that increases the volume of water.
-Dumping of wastes in Lakes which reduces the depth of the lake.
(b) -Plant more trees to act as water catchment areas.
-Avoid dumping wastes in lakes.
-Evict people who settle within 300 metres from the lake shore.



- (b) -Budgeting helps to control my spending.
-Budgeting keeps me on track for my financial goal.
-Budgeting helps me to avoid debts.
-Budgeting helps me to prepare for emergencies.
45. (a) -Most of the radios are cheap and are affordable.
-Radio communication can cater for the blind.
(b) -Newspapers are expensive and many people may not afford to buy them daily.
-Newspapers can easily get damaged thus losing important information.
-Newspapers may not be used by people who cannot read.
46. (a) (i) K- Atlantic Ocean (ii) T- Mediterranean Sea
(b) -The shade region X receives heavy rainfall due to presence of thick vegetation like Congo forest/Due to presence of large water bodies like Congo River/Due to warm Guinea current near the coast which helps in formation of heavy rainfall.
- c) To reflect sun heat and keep their bodies cool.
47. (a) Child soldiers/Children engaged in manual labour in factories, plantations, stone quarries.
(b) Child labour may interfere with schooling/ It may affect the child's mind (psychological torture) which influences bad behaviour.
48. (a) To know the number of people in the country and plan for them/To know the population growth and plan accordingly/To know the general wealth and poverty level of people and plan for them.
(b) -Bad weather conditions such as heavy rains and hot sunny days.
-False answers from respondents.
-Poor transport facilities especially to areas which are hard to reach.
49. (a) Some people are killed innocently especially during war/Some children are not taken to school/ Some people are detained without trial in courts of law etc.
(b) Increased wars in some African states/Increased violation of human rights like detention without trial.
50. (a) Population is the number of people in an area at specific time.
(b) Differences in natural resources/ Differences in security/Differences in relief.
(c) Population increase leads to cutting down of trees and draining swamps which reduces rainfall, hence leading to drought.

Religious Education

51. **EITHER**: a) Baptism
b) Some Christians do good to others like giving charity showing that Jesus is in them/Many people preach the word of God showing that Jesus is in them/Some people perform miracles in Jesus' name.
c) I learn to be contented with what God has given me not be like the prodigal son who asked for his wealth/I learn to be patient not be like the prodigal son who asked for his wealth/ I learn to repent just like the prodigal son did/ I learn to forgive just like the father of the prodigal son did.
OR a) Fasting brings a Muslim close to Allah/It is fulfilment of a Pillar of Islam.
b) Salat helps one to get close to Allah/Helps one to get what he or she wants after asking it from Allah/It is a fulfilment of pillar of Islam.
52. **EITHER**: (a) God created Adam to worship him/ God created Adam to take care of God's creation.
b) Sabbath

Turn to next page

SOCIAL STUDIES AND RELIGIOUS EDUCATION ANSWERS (P SC 006)

helps Christians to worship God/Sabbath helps Christians to relax and regain energy for work.

OR: (a) The poor/The needy.

(b) To fulfil a pillar of Islam/To help the needy and poor find happiness.

53. EITHER: (a) Namugongo is a place where Uganda martyrs were killed for their faith God.

(b) Lent

(c) Should repent/Should pray/Should follow God's commandments.

OR: (a) Ramadhan/Saum.

(b) Should repent/Should pray/Should follow pillars/beliefs of Islam.

54. EITHER - We should repent of my sins so that I go to heaven.

- We should forgive others

- There is life after death, so we should work to attain it.

- We should always pray to God.

OR I learn to forgive/I learn to believe in Allah/I learn to pray/I learn to help the needy.

55. a) Beating people/fighting/stealing/abusing

others/disobeying God/disobeying elders.

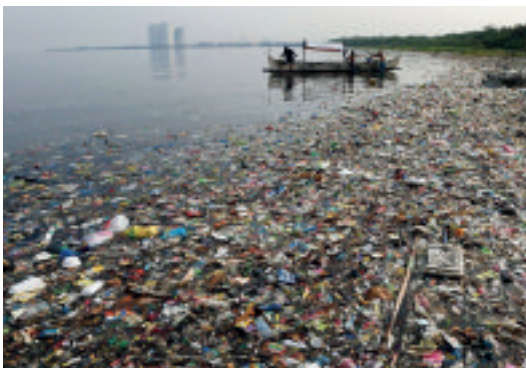
b) Makes one feel free in mind/Brings back the lost self-esteem/ promotes friendship.

SOCIAL STUDIES AND RELIGIOUS EDUCATION QUESTIONS (P SST 007)

SECTION A

1. Give one way of controlling soil erosion in the hilly areas of Uganda.
2. Why is Lake Kyoga most swampy in Uganda?
3. Name one district in Uganda crossed by the equator.
4. Mention one crop grown in the Mediterranean climate region.
5. Identify the latitude marked 23.5°N.
6. State one reason for the coming of explorers to Africa.
7. Name one African country crossed by the Greenwich meridian.
8. In which region of Africa is Lake Chad found?
9. Mention the vegetation commonly found on the East and West coast of Africa.
10. Give one reason why it is difficult to construct roads in hilly areas.

Study photograph below and answer the questions 11, 12 and 13.



11. What type of pollution is shown in the photograph?
12. Give one negative effect of the type of pollution shown in the photograph.
13. What can the government of Uganda do to stop the pollution shown in the photograph?
14. Give one service provided by the 'Secretariat' of the East African community.
15. Identify one tribe that stems from the River-Lake Nilotic in Uganda.
16. Mention one way in which the hand axe was useful to the early man.
17. Give one use of land as a resource.
18. State one traditional means you can use to preserve fish at home.
19. Give one advantage of railway transport.
20. Which body in Uganda is responsible for construction and maintenance of roads?
21. Draw a symbol of a road bridge.
22. State one way Africans reacted to colonial rule.
23. How has COVID-19 affected the education system of Uganda?
24. Name the semi-cardinal compass direction between North and East.
25. How is port Mombasa important to Uganda.
26. Why is difficult to read a map without a key?
27. Which country lies to the south of South Sudan?

28. Name one rift valley lake in Uganda.
29. State one problem associated with mountains and highlands.
30. Give a reason why it very cold in Karamoja during the night.
31. What advice can you give to NEMA about the protection of wetlands in Uganda?
32. Mention one example of natural vegetation.
33. Give one way in which you can care for domestic animals at home.
34. State the original home land of the Luo ethnic group.
35. Mention one cause of emigration in Uganda.

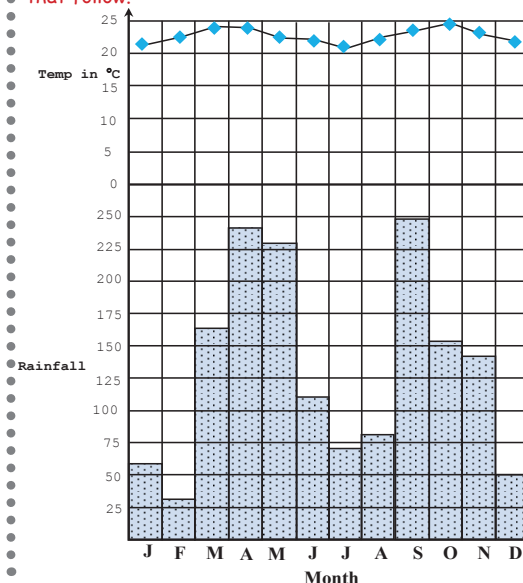
For each of the questions 36 to 40, answer EITHER the Christian OR Islamic question but not both. No marks will be awarded to a candidate who attempts both alternatives in a particular number.

36. EITHER: What can you copy from the lifestyle of Jesus Christ?
OR: What can you copy from the lifestyle of prophet Muhammad (P.B.U.H)?
37. EITHER: State the first book in the New Testament.
OR: State the first surah in the Quran.
38. EITHER: Why is lent important to Christians?
OR: Why is saum important to Muslims?
39. EITHER: What do you learn from the parable of the Good Samaritan?
OR: What is 'Miraj'?
40. EITHER: Give one reason why you should always pray to God.
OR: Give one reason why you should always pray to Allah.

SECTION B

41. a) Name the largest water body that separates Europe from Africa.
b) Which water body separates Saudi Arabia from Africa?
c) Give two oceans that wash the coast of Africa.

42. Study the graph below and use it to answer questions that follow.



- a) Which month received the highest amount of rainfall?
- b) State the type of climate shown in the graph.
- c) Give a reason for your answer in (b) above.
- d) Mention one cash crop that can be grown in the area with such climate data.
43. (a) Suggest two characteristics of Equatorial type of vegetation.
(b) State two factors that influence vegetation distribution in Africa.
44. (a) Write LEGCO in full.
(b) State two factors that led to the formation of LEGCO.
- c) How is LEGCO similar to our parliament?
45. (a) Give two symbols of a nation.
(b) State two indicators of democracy in Uganda.
46. a) State three sources of government revenue.
b) Give one way in which the government of Uganda can avoid deficit budget.
47. Mention four duties of our government.
48. (a) Give one reason for the formation of political parties in East African countries.
(b) Name the first president of each of the following independent countries:
i) Uganda (ii) Tanzania (iii) South Sudan
49. (a) Name the official in charge of children's affairs on the village Local Council.
(b) State three children's rights.
50. (a) Mention two traditional means of water transport.
(b) Give one advantage of road transport over water transport.
(c) Mention one advantage of air transport over road transport.

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: (a) Name the first two children of Adam and Eve.
(b) State the occupation of each child.
OR: (a) Name the first two children of Adam and Hawwa.
(b) How did Adam and Hawwa sin against Allah?
52. EITHER: (a) Why did Jesus Christ chase money makers from the Temple?
(b) Give three ways in which some people today misuse places of worship.
OR: (a) Why do Muslims put off their shoes while entering the mosque?
(b) Give three things that can spoil your prayer (salat).
53. EITHER: (a) Give two ways in which you can care for God's creation.
(b) State two ways in which some people spoil God's creation.
OR: (a) Give two ways in which you can care for Allah's creation.
(b) State two ways in which some people spoil Allah's creation.
54. EITHER: a) Why do Christians pray while singing and dancing?
b) Mention three types of prayer.
OR: a) Why do Muslims pray while facing Mecca?
b) Mention three types of prayer.
55. FOR BOTH:
a) Give two ways in which you can help children with disability at your school.
b) Give two ways in which you can help the elderly people in your community.

FIND ANSWERS AND MORE QUESTIONS ONLY IN SUNDAY VISION