

# Excel in PLE

## English

### SECTION A

For questions 1-5, fill in the blank spaces with the most suitable words.

1. Rosette is the girl who wrote \_\_\_\_\_ interesting article yesterday.

2. \_\_\_\_\_ Susan or Harriet will travel to the village.

3. Most pupils in our class are good \_\_\_\_\_ drawing cartoons.

4. That is the boy \_\_\_\_\_ father is the editor of Nyanda Newspaper.

5. The old man called the \_\_\_\_\_ to remove his bad tooth.

For questions 6-15, use the correct form of the words given in brackets.

6. Parents are proud their good \_\_\_\_\_ (child)

7. Pawel is the \_\_\_\_\_ boy in our class. (clever)

8. The motorist drove \_\_\_\_\_ down the hill. (careless)

9. She always does the homework by \_\_\_\_\_. (self)

10. A mechanic uses a spanner to nuts. (tight)

11. We saw three healthy \_\_\_\_\_ lying in the kennel. (puppy)

12. Mr. Odoki rewarded me for my work tidily. (write)

13. Tembo \_\_\_\_\_ his bicycle for repair yesterday. (take)

14. That boy always writes his work \_\_\_\_\_. (neat)

15. Most \_\_\_\_\_ in Mpakitony Village rear exotic cattle. (farm)

For questions 16-17, re-arrange the given words in alphabetical order.

16. cartoon, advertisement, journal, flyer

17. boot, brake, bell, blunt

For questions 18-19, write the following abbreviations in full.

18. PTO \_\_\_\_\_

19. we're \_\_\_\_\_

For questions 20-21, re-write the sentences giving the plural form of the underlined words.

20. The thief escaped from the police cell.

21. He lost his toolbox.

For questions 22-23, write the opposites of the underlined words.

22. The sports news is always written at the front page of the newspapers.

23. Adeke woke up late to catch the first bus.

For questions 24-26, re-arrange the following words to form correct sentences.

24. mustn't drive Drivers while drunk.

25. Can a bicycle you ride uphill?

26. taken pencil my from Who has bag the?

For questions 27-28, re-write the following sentences giving one word for the underlined groups of words.

27. Our cow has produced two healthy young ones.

28. If she doesn't obey her teachers, she won't succeed in her studies.

For questions 29-30, use the following words in a sentence to show that you know the difference in their meaning.

29. there\_\_\_\_\_

30. their\_\_\_\_\_

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

31. A referee is important. A coach is also important. (Re-write the sentence using.....as.....as.....)

32. I bought the newspaper because I wanted to read sports news. (Re-write using.....in order to.....)

33. We are learning English now, aren't we? (Re-write ending :....., are we?)

34. The bus is very big. It can carry forty passengers. (Use.....enough.....)

35. You shouldn't travel in a taxi without a number plate. (Re-write using:.....mustn't.....)

36. This is the place. The accident happened here. (Re-write using:.....where.....)

37. Andama writes well. Karungi writes well. (Join using:.....and.....)

38. Although the journalist published false news, he was not arrested. (Re-write the sentence using:.....but.....)

39. Our teacher doesn't like disrespectful pupils. (Re-write the sentence using:.....hate.....)

40. There isn't any dust in the old office. (Re-write using:.....some.....)

41. Kisiime likes music, but he does not like sports. (Rewrite the sentence using:.....prefers.....to.....)

42. Does this new bag belong to you? (Begin: Are you.....?)

43. Bridget is a very hard-working girl. (Rewrite beginning: What.....!)

44. Mathew lives in Masaka. (Begin: Where.....?)

45. Resty has lent some money to Patricia. (Rewrite using:.....borrowed.....)

46. The porridge is very hot. The baby cannot take it. (Rewrite the sentence using:.....too.....to.....)

47. The boys have swept the classroom. (Rewrite ending:.....by the boys.)

48. What is the use of a jack in a garage? (Rewrite using: .....used for.....?)

49. Buzzo took his bicycle for repair. (Rewrite using:.....has.....)

50. Were you bitten by a dog? (Begin: Did the dog.....?)

### For Subscription & Feedback

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**Daniel Owuya**  
Bunga Primary School,  
Kampala

Fellow Ugandans,  
Always respect journalists,  
News editors, correspondents,  
And columnists,  
Indeed, we bring the unknown to known.  
**Akolwi Anife Sam**

- a) Which people do you think are talking in the poem?
- b) Why have they been to distant places?
- c) For whom are they searching news?
- d) In which stanza is the speaker and his friends abused?
- e) What is the writer's home country?
- f) How many stanzas are in the poem?
- g) Why should the journalist be respected?
- h) Who wrote the above poem?
- i) How often have journalists been abused?
- j) Give another word or group of words to mean the same as underlined words in the poem.
- i) gather \_\_\_\_\_
- ii) silent \_\_\_\_\_

55. Read the passage below and complete it by filling in the blank spaces with the most suitable words from the list provided at the bottom.

The road to MawundoVillage had big \_\_\_\_\_ and reckless drivers would splash dirty water on pedestrians which would annoy them very much. \_\_\_\_\_ the dry season, the road was very dusty and those who had had stalls at the roadside counted losses. The villagers appealed to their \_\_\_\_\_ but some of them made empty promises. This prompted them to call for an urgent meeting where they decided never to \_\_\_\_\_ their local leaders. They also carried out a peaceful demonstration to show their unhappiness. They decided to put logs \_\_\_\_\_ the road and also planted bananas in some potholes. Vehicles and boda-boda \_\_\_\_\_ were not allowed to cross to the next village. Traders suffered heavy losses since they couldn't access the \_\_\_\_\_. After two days, the area MP came to speak to the angry villagers. He asked them to calm down since the work on the road was to begin soon. After two months, the road was fully \_\_\_\_\_ and culverts laid to drain the water. When the work was finally completed, the residents \_\_\_\_\_ their leaders at a party where they ate, sang, drank and danced till the next morning. The people \_\_\_\_\_ to vote their leaders again since they had done a very good job.

joined cyclists during promised markets leaders re-elect across tarmacked potholes

### English answers to issue 13

#### SECTION A

- |  |  |
|--|--|
| 1. while   | 2. much                                      |
| 3. forward                                       | 4. withdrew                                  |
| 5. unless / until                                | 6. studied                                   |
| 7. encourage                                     | 8. dolls                                     |
| 9. childish                                      | 10. raining                                  |
| 11. ours   | 12. mountainous                              |
| 13. usually                                      | 14. forthleth                                |
| 15. concluded                                    | 16. mouse                                    |
| 17. quiz   | 18. pupil's toy                              |
| 19. I do not want to perform badly in this test. | 20. He is in the same class with his nephew. |
| 21. children, education, freedom, rights         | 22. race, reach, record, run                 |
| 23. I always go to school on foot.               | 24. How smart Priscilla is!                  |
| 25. TV   | 26. cc                                       |
27. Musisi always does his work carefully.
28. Did you meet a lame man on your way to school?
29. cat – the idea of a small domestic animal with soft fur.
30. cart – the idea of a strong open vehicle with two or four wheels.
31. I baked these tasty buns myself.
32. How much does a kilo of sugar cost?
33. He prefers being a carpenter to a tailor.
34. The teacher managed to complete the lesson although he was tired.
35. My new watch, for which I bought a new cell yesterday, has stopped working.
36. \_\_\_\_\_, isn't there?
37. It is two years since Amito became a teacher.

38. No sooner had the holidays begun than they travelled to Kenya.
39. Who owns the red bag?
40. The dormitory is cleaned every day.
41. Campbell is a very good English speaker.
42. If we don't go now, we shall miss the concert.
43. She told me to leave the door open.
44. Neither the bride nor the groom was smartly dressed.
45. Daddy bought a three-legged stool.
46. Alfred saved a lot of money in order to start a company.
47. It is likely to rain this evening.
48. Having swum for three hours, Bunjo felt very hungry.
49. Each waitress in this hotel is polite.
50. Musomi is not as tall as Oriba.

51. a) Isabella Mpungu is talked about in the story.
- b) She is in Primary four.
- c) She goes to Little Stars Primary School.
- d) Kampala District is mentioned in the passage.
- e) According to the passage, Mr. Mpungu Vianey and Mrs. Mpungu Brenda are Isabella's parents.
- f) I think the writer says a prayer before going to school in order to ask for God's protection.
- g) According to the story, the writer's parents will reward her by buying her a new pair of shoes and a watch during holidays.
- h) The writer's school is half a kilometre from her home.
- i) I learn to exhibit good behaviour at school.
- j) When the writer ants to relieve herself, she politely seeks permission from the teacher handling the lesson.

52. (i) MUKISA GERSHOM

(ii) 7TH JULY 2010

(iii) NAMUNGONA ORTHODOX HOSPITAL

(iv) DR. BYENKYA DESMOND

(v) DOCTOR

(vi) ENGINEER

(vii) KAWALA VILLAGE, WAKISO DISTRICT

(viii) WAKISO DISTRICT

(ix) EXCEL PRIMARY SCHOOL, KATABI

(x) 14 YEARS

53. c, b, e, h, j, g, i, a, f, d

54. a) The poem is about a rose flower.

b) The poem has four stanzas.

c) The writer describes the rose flower as sweet and attractive.

CONTINUES ON PAGE 21

# Excel in PLE

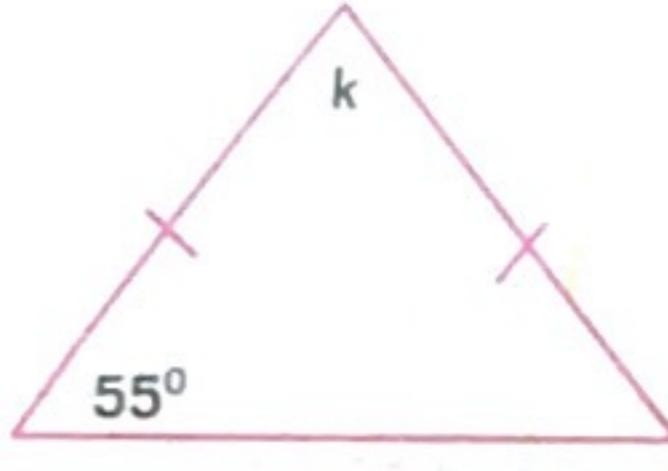


**Kennedy Agaba**  
Mbarara Municipal School

## Mathematics

### SECTION A (40 Marks)

- Work out:  $436 + 64$
- Simplify  $XCIV$  in Hindu Arabic numerals.
- Simplify  $9w + 5k - 4w - 7k$
- Write  $11001$  in words.
- Simplify  $2\frac{1}{4} \div 1\frac{1}{2}$
- Change  $11_{10}$  to binary base.
- The cost of 4 pencils is Shs1,600. How many pencils can Martin get with Shs2,800.
- Use distributive property to work out  $(0.4 \times 27) + (73 \times 0.4)$
- Find the next two numbers in the sequence  $1, 8, 27, 64, \dots$
- Write  $47800$  in scientific form.
- Calculate the value of  $K$  in degrees



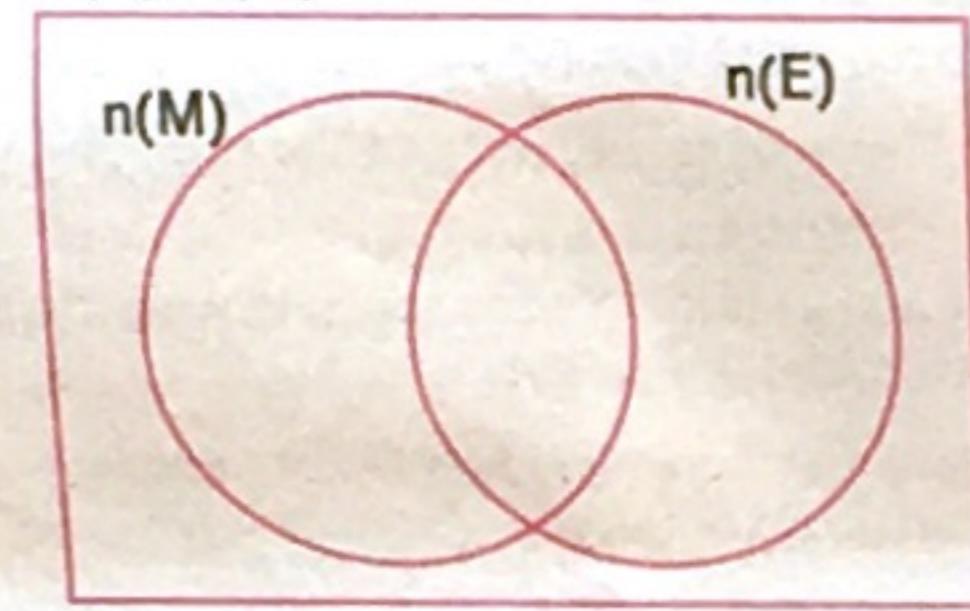
- Given that;  
 $A = \{2, 3, 5, 7, 9\}$   
 $B = \{1, 2, 3, 4, 5, 6\}$   
Find  $n(A \cap B)$
- Express Shs400 a percentage of Shs1600.
- Given that  $k = 7$ . Find the value of  $k^2 + k^0$
- Find the square root of 289
- Mr. Bujingo deposited Shs1,500,000 in

a bank that offers a simple interest rate of 4% p.a. How much was Bujingo's interest after a period of 8 months.

- Simplify  $-4 + 7$
- The probability of picking a red apple from a tray of 30 apples is 0.4. How many green apples are there if its mixture of only green and red apples.
- Given that  $F_k = \{2_1, 2_2, 2_3, 3_1\}$ , find the value of  $K$ .
- A health parade in Kitebi p/s lasts for 40 minutes and ends at 9:30am. At what time does it start?

### SECTION B (60 Marks)

- In a class of 65 pupils, all of them like mathematics (M) 28 like English (E) and mathematics, 38 like SST(S) and mathematics and P like all the three subjects while 7 like mathematics only.
- Represent the above information in a Venn diagram below.  
 $n(\Sigma) = n(M) = 65$
- How many pupils like all three subjects
- If a pupil is picked at random, what is the probability of picking a pupil who likes only one subject?



22a) Simplify  $\frac{0.25 \times 1.44}{1.2 \times 0.5}$

b) Work out  $\left[\frac{1}{3} - \frac{1}{5}\right] \text{ of } \frac{1}{10} + \frac{2}{5}$

23. Kampala is 140km from Bukomansimbi. A car takes 3 hours from Kampala to Bukomansimbi and 2 hours coming back. Calculate the average speed for the whole journey.

24. Square tiles of 20cm each were laid on the floor of a room measuring 6m by 4m.

a) Find the number of tiles needed to cover the floor.

b) If a box of 25 tiles cost Shs30,000, find the total cost of tiles needed to cover the floor.

25. Omara was given Shs42,000 for shopping. He bought the following items:

4 bars of washing soap at Shs3,000 per bar.  
6 tablets of bathing soap at Shs2,500 per tablet.  
2 tubes of toothpaste at Shs5,000 per tube

a) How much money did he spend altogether?

b) Find his change.

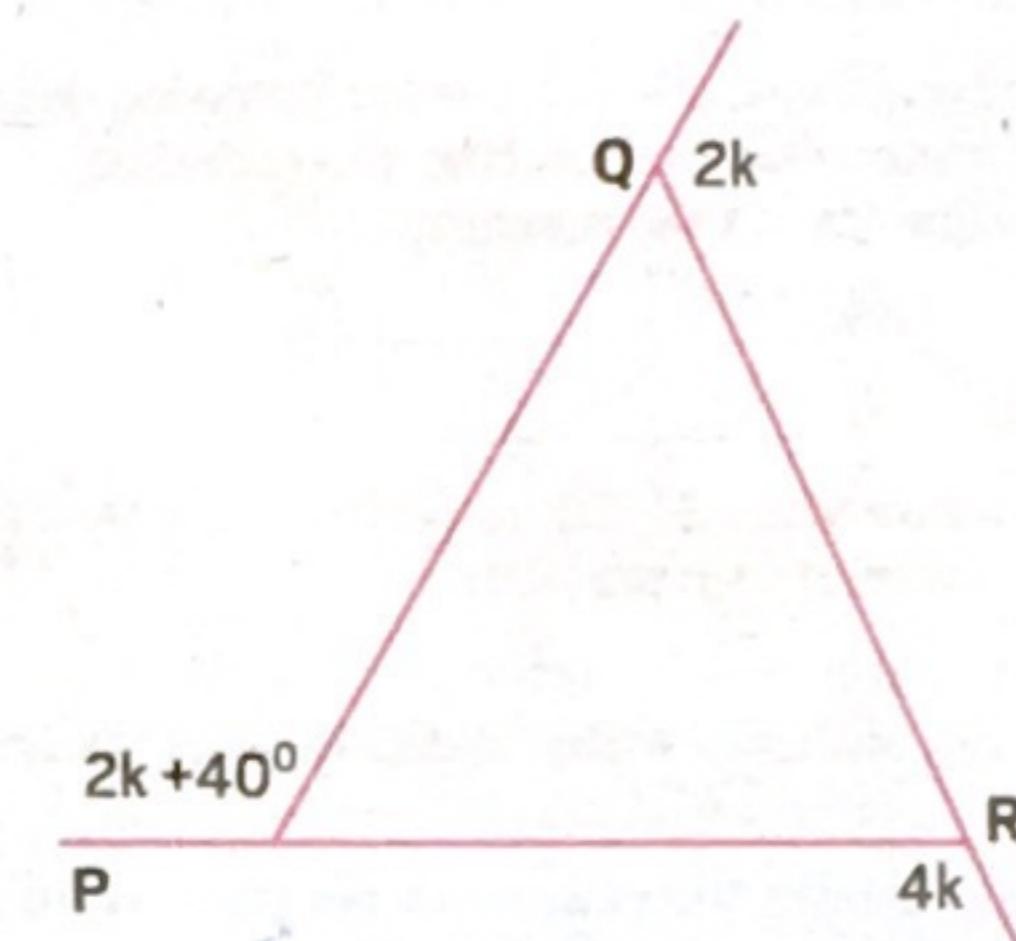
26. Barbara is 20 years younger than Peter. In 15 years' time, Peter will be twice as old as Barbara. How old is Barbara?

27. The sum of 3 consecutive odd numbers

is 51. What are the three numbers.

28. Tap A can fill the water tank in 3 minutes while tap B can fill the same water tank in 6 minutes. How long will both taps take to fill the same tank if they are both opened at the same time?

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



a) Find the value of P in degrees

b) Work out the size of angle PQR

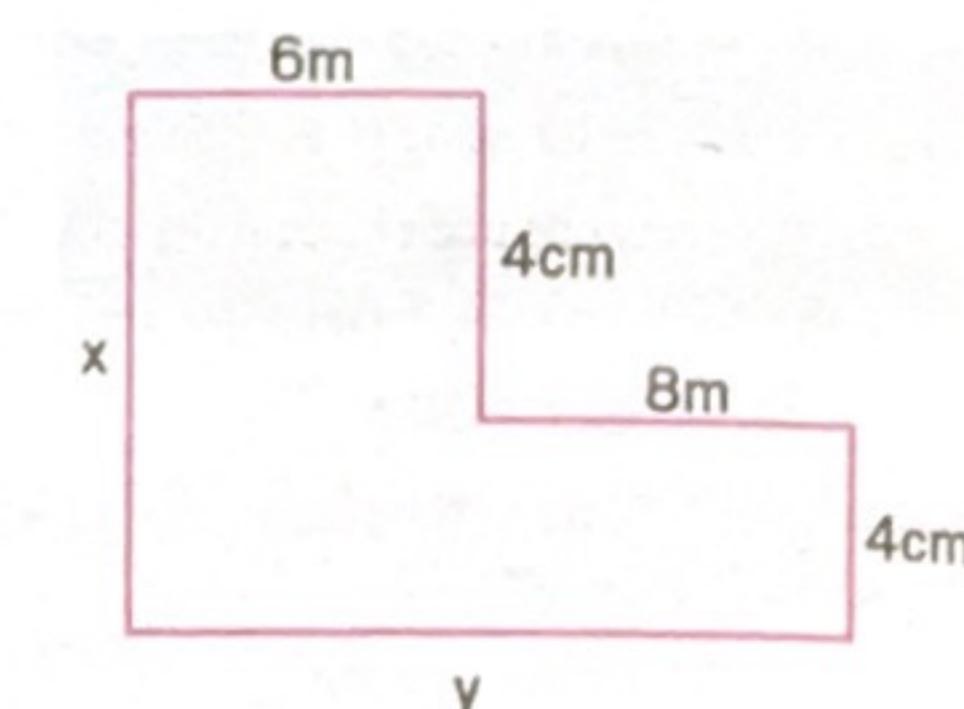
30. Candidates scored the following marks in a certain exam.

Marks	40	w	60	80	90
Candidates	3	2	1	3	1

a) How many candidates did the test?

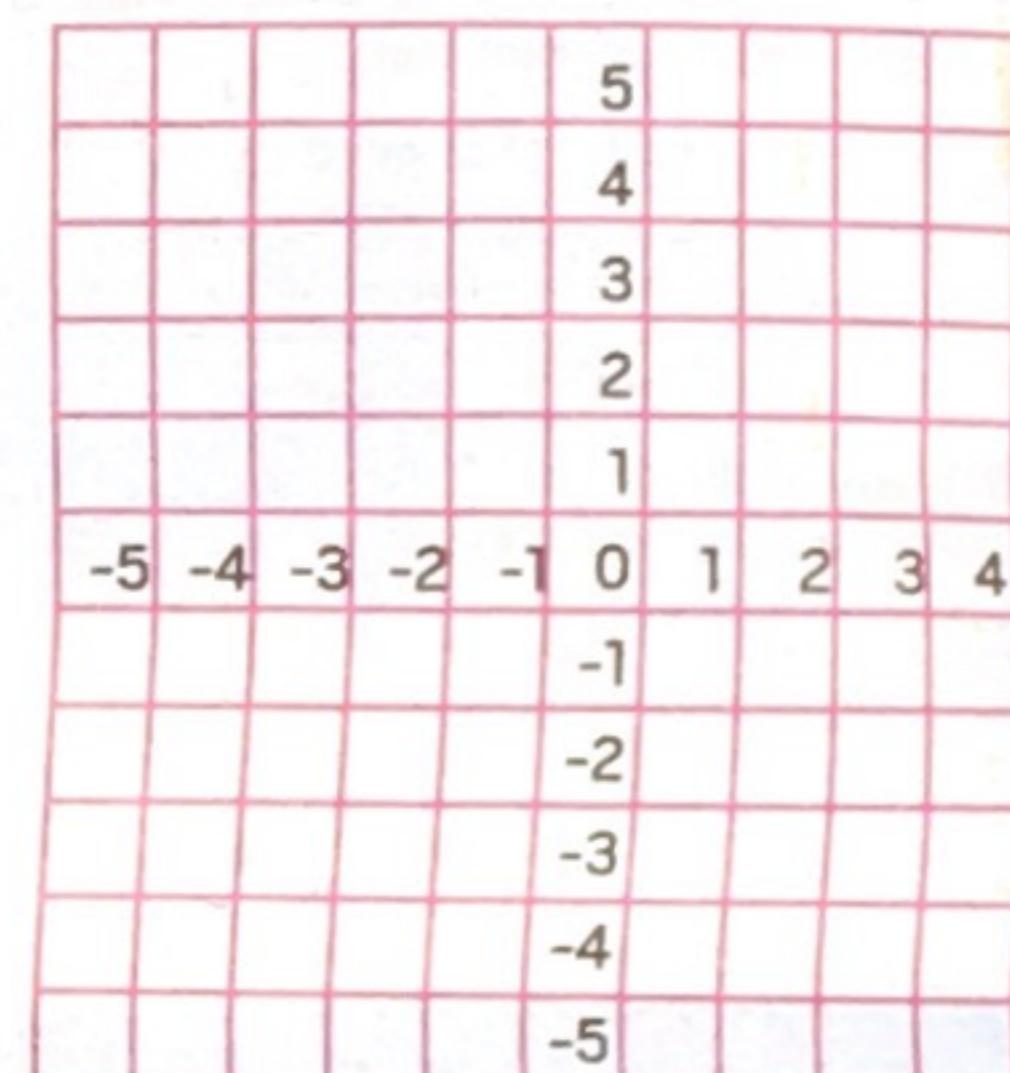
b) If the average mark is 61 find the value of w.

31. Amanda has a garden of the shape shown below.



- Find the value of x
- Find the value of y
- Find the area of the garden in square metres.

32a) Use the coordinate graph below to plot the following ordered co-ordinates  
 $A(-3, 3)$   $B(0, 5)$   $C(3, 3)$   $D(0, -4)$



b) Join the points A to B, B to C, C to D and D to A and name the shape formed.

c) Work out the area of the figure formed in square units

### Mathematics answers for Issue 13

#### SECTION A (40 Marks)

- $14$   
 $-65$   
 $\overline{-51}$
- $2000$   
 $+ 16$   
 $\overline{2016}$
- $3 - 5 = m$   
 $m = -2$
- $+8 - (-3)$   
 $= +8 + 3$   
 $= +11$
- $(P - Q) = \{a, d\}$   
 $n(P - Q) = 2$
- $1000$   
 $= (1 \times 2 \times 2 \times 2)$   
 $= 8$
- Time taken  
 $= \frac{\text{Distance covered}}{\text{Speed}}$   
 $= \frac{135 \text{ km}}{90 \text{ km/h}}$   
 $= 1\frac{1}{2} \text{ hours}$
- $2 + 5 + \frac{1}{2} + \frac{1}{2}$   
 $= 7 + 1$   
 $= 8$
- $12 + (9+3)$   
 $= 12 + 3$   
 $= 15$
- $3d + 124^\circ = 180^\circ$   
 $3d + 124^\circ - 124^\circ = 180^\circ - 124^\circ$   
 $3d = 56^\circ$   
 $3$   
 $d = 18\frac{2}{3}^\circ$
- $4, 5, 8, 14, 24, 39$   
 $4 + 1 = 5$   
 $5 + 3 = 8$   
 $8 + 6 = 14$   
 $14 + 10 = 24$   
 $24 + 15 = 39$

#### 12. Hundredths

- No. of books  
 $= 4 \times 4800$   
 $= 3200$   
 $= 6 \text{ books}$
- $1 \text{ km} = 1000 \text{ m}$   
 $2.3 \text{ km} = 2.3 \times 1000 \text{ m}$   
 $= 2300 \text{ m}$
- $b^2 = c^2 - a^2$   
 $b^2 = 13^2 - 12^2$   
 $b^2 = (13 \times 13) - (12 \times 12)$   
 $b^2 = 169 - 144$   
 $\sqrt{b^2} = \sqrt{25}$   
Height = 5cm
- $(1.5 \times 87) + (1.5 \times 13)$   
 $= 130.5 + 19.5$   
 $= 150$
- LCM + Remainder

2	4	6
2	2	3
3	1	3
1	1	

Least number of sweets shared  
 $= (2 \times 2 \times 3) + 1$   
 $= 12 + 1$   
 $= 13 \text{ sweets}$

$$18. 3682 = (3 \times 1000) + (6 \times 100) + (8 \times 10) + (2 \times 1)$$

$$19. XC = 90$$

$$IX = 9$$

$$XCIX = 99$$

- $75^\circ = 60^\circ + 15^\circ$ 
  - Construct an angle of  $60^\circ$
  - Then construct  $15^\circ$  adjacent to  $60^\circ$
  - Together, the two angles make  $75^\circ$

#### SECTION B (60 Marks)

- $21a) 10411 + 12242 + 8211$   
 $+ 9001 + 1400$   
 $= 41,265 \text{ votes}$
- Current reading – previous reading  
 $= 0040731 - 0040702$   
 $= 29 \text{ units}$
- Value of y  
 $2 \times 2 \times 3 \times y = 36$   
 $12y = 36$   
 $y = 3$
- GCF = product of  $\cap$   
 $= 2 \times 3$   
GCF = 6
- LCM = product of  $\cap$   
 $= 2 \times 2 \times 3 \times 3 \times 5$   
LCM = 180
- Difference  
 $= 5 - 1$   
 $= 4 \text{ parts}$   
4 parts rep. Shs48,000  
1 part rep. Shs48,000
- Total ratio  
 $= 3+1+5$   
 $= 9 \text{ parts}$   
9 parts rep. Shs48,000  $\times 9$
- Total contribution  
 $= \frac{Shs108,000}{4}$
- Let 1st odd No. = m  
2nd No. = m + 2  
3rd No. = m + 4  
 $m + m + 2 + m + 4 = 69$   
 $3m + 6 = 69$
- 2(3k + 2) + 5(k + 3) = 41  
 $6k + 4 + 5k + 15 = 41$   
 $11k + 19 = 41$   
 $11k + 19 - 19 = 41 - 19$   
 $11k = 22$   
 $k = 2$

$$3m + 6 - 6 = 69 - 6$$

$$\underline{3m = 63}$$

$$\underline{3 \quad 3}$$

$$m = 21$$

$$1^{\text{st}} \text{ odd No.} = 21$$

$$2^{\text{nd}} \text{ No.} = 21 + 2 = 23$$

$$3^{\text{rd}} \text{ No.} = 21 + 4 = 25$$

$$\text{Range} = H - L$$

$$= 25 - 21$$

$$\text{Range} = 4$$

$$25a) M = \{1, 2, 4, 7, 14, 28\}$$

$$b) P = \{4, 8, 12, 16, 20, 24, 28, 32, 36, 40\}$$

$$\text{Union of the two sets} = \{1, 2, 4, 7, 14, 28, 8, 12, 16, 20, 24, 32, 36, 40\}$$

$$\text{Cardinal No.} = 14 \text{ elements}$$

$$26a) \text{Base area}$$

$$= 1540 \div 10 = 154 \text{ cm}^2$$

$$A = \pi r^2$$

$$22r^2 = 154$$

$$\underline{7}$$

$$7 \times 22r^2 = 154 \times 7$$

$$22r^2 = 154 \times 7$$

$$\underline{22 \quad 22}$$

$$r^2 = 7 \times 7$$

$$r = 7 \text{ cm}$$

$$27a) \text{Length} = \text{Circumference}$$

$$= \pi D$$

$$= \frac{22}{7} \times 14 \text{ cm}$$

$$= 44 \text{ cm}$$

$$28a) \text{Sketch}$$

$$C$$

$$6 \text{ cm}$$

$$A$$

$$6 \text{ cm}$$

$$B$$

$$\text{Accurate Diagram:}$$

$$\text{It should have accurately drawn lengths and angles, correctly labelled.}$$

# Science



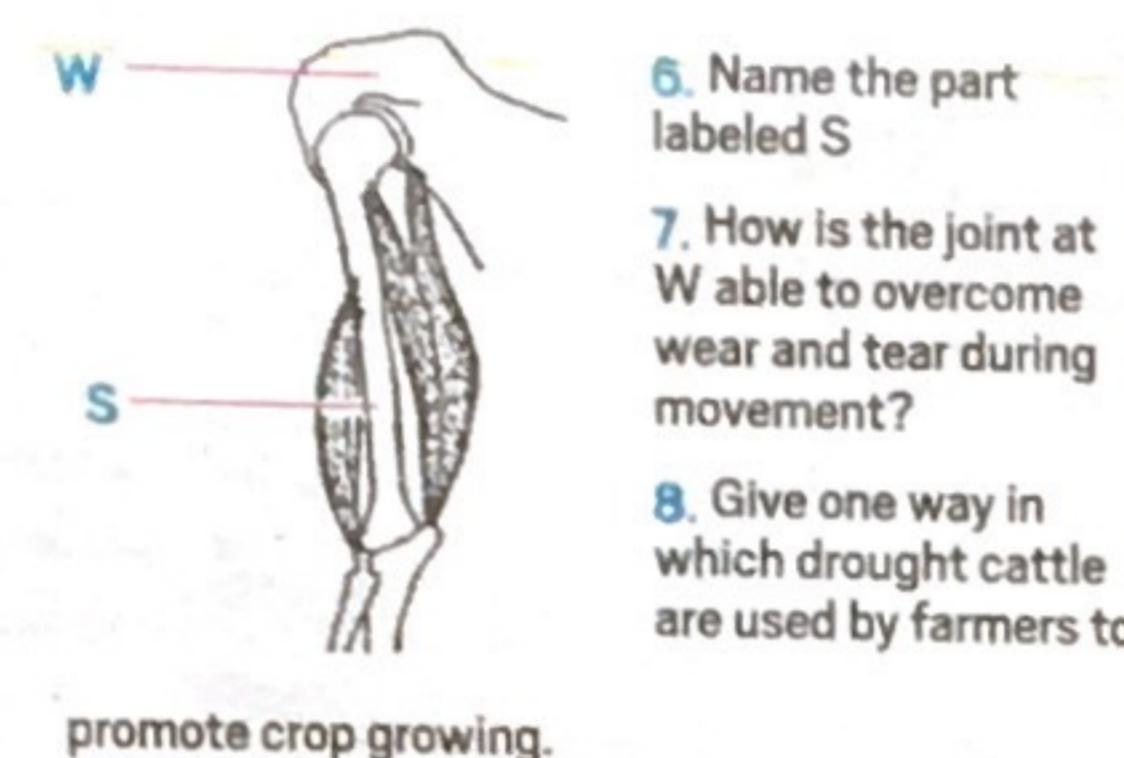
Neckson Kule

Mustard Seed Junior School, Sentema, Kibuye

## SECTION A (40 Marks)

- Name any one natural source of heat
- Which vector spreads dengue fever to humans?
- State any one use of a tourniquet to First Aider.
- What type of change enables someone to produce local alcohol from banana juice?
- How is a caecilian different from other amphibians in terms of their reproduction?

The diagram below shows a shoulder joint. Use it to answer questions 6 and 7



- Name the part labeled S
- How is the joint at W able to overcome wear and tear during movement?
- Give one way in which draught cattle are used by farmers to promote crop growing.
- Name the weakest part of an electric circuit.
- Give one way in which bush fallowing can conserve soil in the garden.
- How is the cochlea useful in the process of hearing?
- Which deficiency disease can as well be caused by hookworm infestation?
- How is a nursery bed able to protect seedlings against harsh weather?
- State the element of Primary Health Care (PHC) promoted through burning rubbish.
- Give a reason why essential drugs should be well named and labelled during packaging

Below is a garden tool. Use it to answer questions 17 and 18



- Name the garden tool above.
- Mention down any one crop growing practice where the above tool is used.
- Give any one way in which old plastic bottles

are useful to school children.

- State one way in which the beak of an eagle enables it to get food (prey)
- Give any one way of harvesting animal resources in the environment.
- Why does blood from the body come back to the heart?

23. Give any one way in which regular physical exercises are important to the muscular skeletal system.

- State a reason why an air space inside a coconut seed enables it to be dispersed by water.
- The diagram below shows a bottle containing soda. Use the questions that follow.



- Name the force that enables the person to open the bottle above easily using an opener
- In which way is the above space labelled V important to the seller of soda drinks

27. Give one difference between a clinical thermometer and a six's thermometer in the ways they are re-set

- How does over inhalation of dry air lead to nose bleeding?

29. Give a reason why an air sac (alveolus) should have a dense net work of blood vessels.

- State the best method used to prevent the spread of Hepatitis B.

31. Why is it difficult to collect eggs in birds kept under free range system?

- Give one sign of ear cancer disease in rabbits.

33. Give any one way in which light produces by an electric bulb can be made brighter.

- How is density important to human beings?

35. Apart from bacteria, mention down one other single celled organism that uses binary fission to multiply

- Give any one root tuber crop which uses vines in the propagation.

37. How moulting useful to organisms like arthropods?

- How do PIASCY programmes help school boys to abstain from sex?

- Write down an activity crop farmers should do to obtain viable seeds for planting.

- Name any one eye disease that is not spread by a housefly.

## SECTION B (60 Marks)

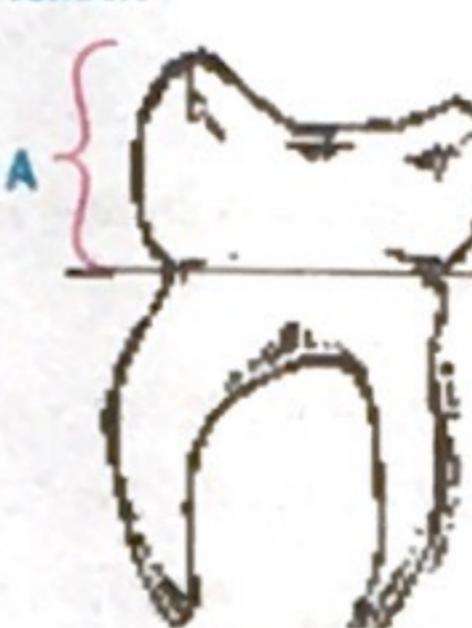
- (a) Name the component of air that plants release during photosynthesis.

- (b) How is the gas mentioned in (a) above useful to human beings?

(c) Give a reason why photosynthesis does not take place in darkness.

- (d) Apart from respiration, state one other use of the gas in (a) to human beings.

42. The diagram below shows a type of tooth in human beings. Use it to answer questions that follow.



- (a) Name the region of the tooth labelled A.

- (b) What type of tooth is shown above?

(c) Give any one practice done by humans to strengthen the tooth above

- (d) Name any one tooth disease in humans.

43. (a) Give any two ways in which sound stored in solfa notations can be reproduced.

- (b) Give any two reasons why sound should be stored.

44. In the table below part A shows parts of the human body and part B shows the behaviour of such parts during inhalation.

Part A	Part B
Ribcage	Contracts and flattens
Diaphragm	Expands and increase in size
Lungs	The volume increases
The chest	Moves upwards and outwards

Select the correct statement from B to match the parts below correctly

- (a) Ribcage      (b) Diaphragm

- (c) Lungs      (d) The chest

- (a) In which way are snakes different from other reptiles?

- (b) In which two ways are snakes different from frogs?

- (c) Give one way in which snakes are important to people

45. You are provided with the following materials

Nails, coiled wire, two batteries, small pins

- (a) Describe in 4 sentences how the above materials can be used to make a temporary magnet

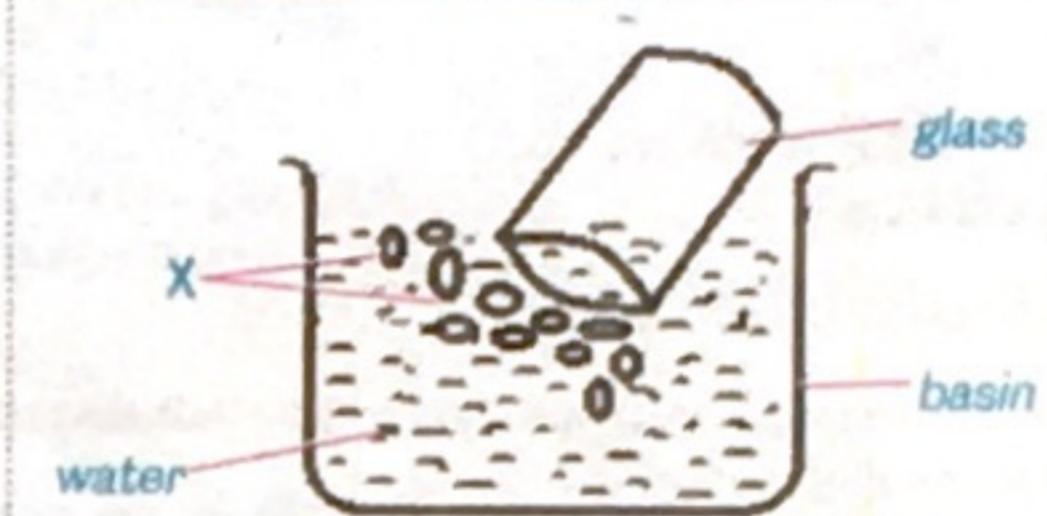
- (b) Identify the method of making magnets using the above materials.

- (c) Give any one way in which magnets made by the method above can be made stronger.

47. (a) Name the class of food missing in distilled water

- (b) Give a reason why you would recommend someone to use bore hole water for drinking

48. The diagram below shows a property of air. Use it to answer questions that follow.



- (a) Which property of air is shown above?

- (b) What does letter X represent?

- (c) Give a reason why water was able to enter the tilted glass.

- (d) State the importance of the basin in the experiment above.

49. (a) Where in the flower does reproduction take place?

- (b) What important process takes place when pollen grains land on the stigma?

- (c) Write down two events that take place in the flower immediately after fertilization has occurred.

50. (a) What causes fainting?

- (b) Give one way how a First aider can help a fainted victim to get enough oxygen in his/her brain.

- (c) Mention down any two conditions that can lead to fainting in humans.

51. Below is a common practice done by poultry farmers. Use it to answer questions that follow.



- (a) Name the farm practice shown above.

- (b) Why do farmers carry out the above practice to their chicken?

- (c) Give a reason why it is good to carry out the above practice using a hot blade

- (d) State any one disadvantage of the above practice to chicken.

52. (a) State any two factors that should be considered when starting a school garden.

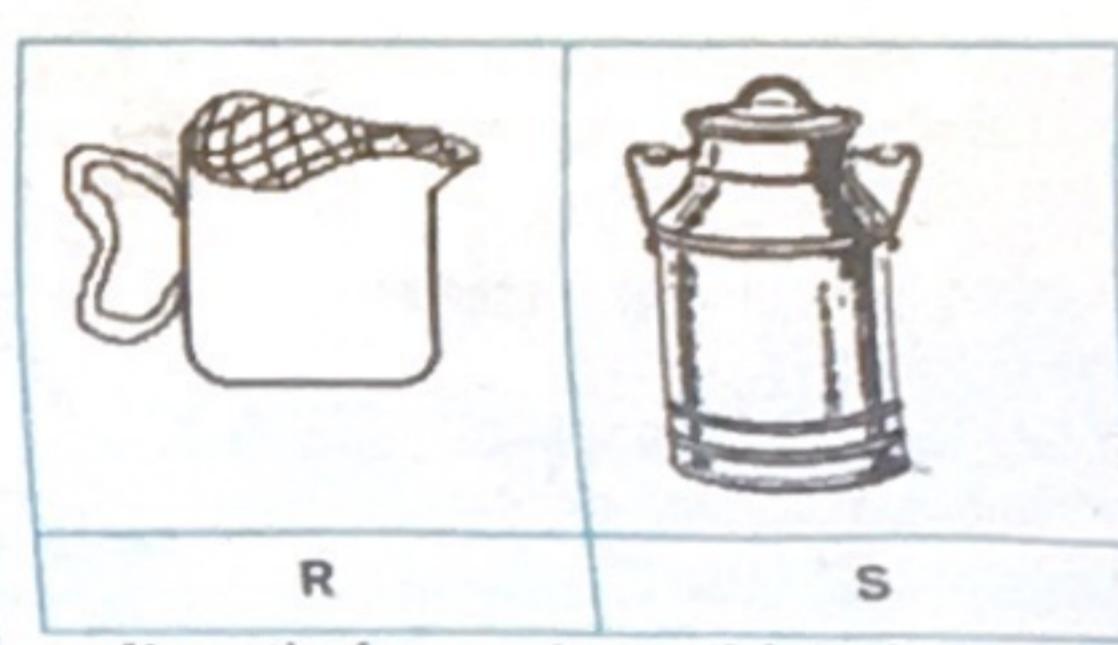
- (b) Give any two benefits of a school garden to a school community.

53. (a) Write VIP in full as used in sanitation.

- (b) What two pieces of advice would you give to a person planning to construct a ventilated improved pit latrine (VIP)?

- (c) Give a reason why a Ventilated Improvement Pit latrine (VIP) should be constructed 30 meters away from a water source.

54. The diagram below shows some farm equipment. Use them to answer questions that follow.



- (a) Name the farm equipment labelled R and S

- (i) R      (ii) S

- (b) State the cattle disease controlled by proper use of the equipment labelled R on the farm.

- (c) Give a reason why you would advise every cattle farmer to have equipment S on their farm.

55. (a) Give any one vaccine that is administered to babies orally

- (b) Why are vaccines given at different schedules?

- (c) How does BCG vaccine help the body to avoid being infected with tuberculosis?

- (d) How is a cold chain important during the storage of vaccines

## ENGLISH ANSWERS - FROM PAGE 19

## Answers to Issue 13

## SECTION A

- Heat energy / light energy

- Photosynthesis is the process by which plants make food(starch)

- When two bare wires with current meet / get into contact

- Boiling water

- Matter expands when heated / melts

- Moist skin

- Reptiles

- Part S helps to detect temperature changes

- Bees / wasps / termites / red ants etc

- Density =  $\frac{\text{mass}}{\text{volume}}$

$$\text{Density} = \frac{M}{V}$$

$$D = \frac{40g}{8cc}$$

$$D = 5g/cc$$

- Feelings

- Simple entire / simple serrated / simple divided entire / simple palmate / simple lobed

- For easy identification

- A solute is a substance that can be dissolved in a solvent

- To know the profit or loss / to be taxed fairly / to enable the farmer to make decision

- For breathing

- Windy weather

- Capillarity helps plant roots to absorb water and mineral salts from the soil

- Pulmonary vein

- Solid state

- Grows into a shoot system

- It has one cotyledon

- Chemical change

- For egg production

- 

- Cardiac muscles of the heart / muscles of the reproductive system / muscles of alimentary canal / ciliary muscles of the eye etc

- It organizes national immunization days / it provides immunization equipment / it distributes vaccines to health centres etc

- By poisoning some pests / spraying using pesticides / seed dressing

- For absorbing heat and solar energy

- For rising flags / hoisting flags

- Injuries on the head or ear / accumulation of wax in the auditory canal / damage of the ear drum by pushing sharp materials in the ear

- Effort arm

- Load is the object to be moved while load arm is the distance

- between the pivot and the load

# Excel in PLE

# Social Studies

## SECTION A (40 Marks)

- State one way people can help the police to maintain law and order.
  - During which season do Mediterranean regions receive plenty of rainfall?
  - Name the map symbol drawn below:
- 
- How does drought lead to death of livestock in East Africa?
  - Write OAU in full.
  - How was the Royal Geographical Society important to early explorers that came to East Africa?
  - How are mangrove forests important to the ship building industry?
  - Name the lake which is the source of the Blue Nile.
  - How do citizens obey the National constitution?
  - State one advantage of exporting processed goods instead of raw materials.
  - What type of tax is charged on imported goods?
  - Why do few people in Africa use air transport?
  - Name the weather instrument below:



- The pointer of the instrument above is pointing towards the East; to which direction is the wind blowing?
- Which country neighbours Kenya in the north?
- How is the District Veterinary Officer important?
- Why is Benedicto Kiwauka

## SST answers for Issue 13

### SECTION A

- To avoid overcrowding/ Congestion , Looks neat
- It is surrounded by Lake Victoria/ Water body/ Forest
- Create market for goods , Education
- Discovery of iron/ iron smelting
- People will use electricity instead of cutting down trees for charcoal
- Settled in areas with fertile soil / Influenced beautiful neighbors / Death of their cattle.
- Crops/ Constructing industries/ Mining/ roads
- Desert / Semi desert
- He extended their rule to Eastern Uganda
- To pay civil servants/ Provide schools/ hospitals/ social services
- To enable easy planning for the school, to get priorities, to avoid over spending.
- It was cheap, Promoted morals, culture, taught skills like hunting.
- Indian ocean is at a lower altitude than east Africa
- Promote peace/ Unity/ Human rights, good governance
- Child labour, Child neglect, Child sacrifice, Defilement, rape
- By use of irrigation / Gravitation force

remembered in the history of Uganda?

18. Mention one factor that attracted the Bantu to settle in the interlacustrine region.

19. State any one reason why Kalangala is sparsely populated?

20. Why did the German colonialists use direct rule to administer Tanganyika?

21. Why are school children taught road safety rules?

22. Give any one use of multi-purpose river projects to industries.

23. What is barter trade?

24. Why is the highest peak of mountain Kilimanjaro snow capped throughout the year?

25. How were the ruga ruga helpful to the Nyamwezi empire?

26. Give one way in which River Nile is similar to River Niger.

27. Name the European explorer who drowned at Busua falls.

28. How does a school benefit a community?

29. State one way a high population promotes development of a country.

30. Why does the government of Uganda conserve game parks?

31. State one advantage radios have over televisions.

32. How are the Fulani and the of Nigeria similar to the Karimojong of Uganda in terms of economic activity?

33. How do terraces help to control soil erosion?

34. How can crop growing be made possible in drier parts of Africa?

35. State on way in which labour force can be improved in Africa?

For questions 36-40, answer Christianity or Islam BUT NOT both.

36. Either: What was the work of Moses before he became a prophet?

Or: What was Musa's work before he became a prophet?

37. Either: Who was the father of John the Baptist?

Or: Who was the father of Yahaya?

38. Either: Why did God create Eve?

Or: Why did Allah create Hawa?

39. Either: Give one way in which God communicates to Christians.

Or: Give one way Allah communicates to Muslims.

40. Either: Why did God turn water into wine?

Or: Why did Prophet Muhammad split the moon?

## SECTION B

41. a) What is a common market?

b) Name the organ of the EAC that performs the similar duty as the legislature.

c) Give any two reasons why the EAC was revived?

42. a) Mention any one crop grown on plantations in East Africa.

b) Give any one economic value of plantation farms to the economic development of East Africa.

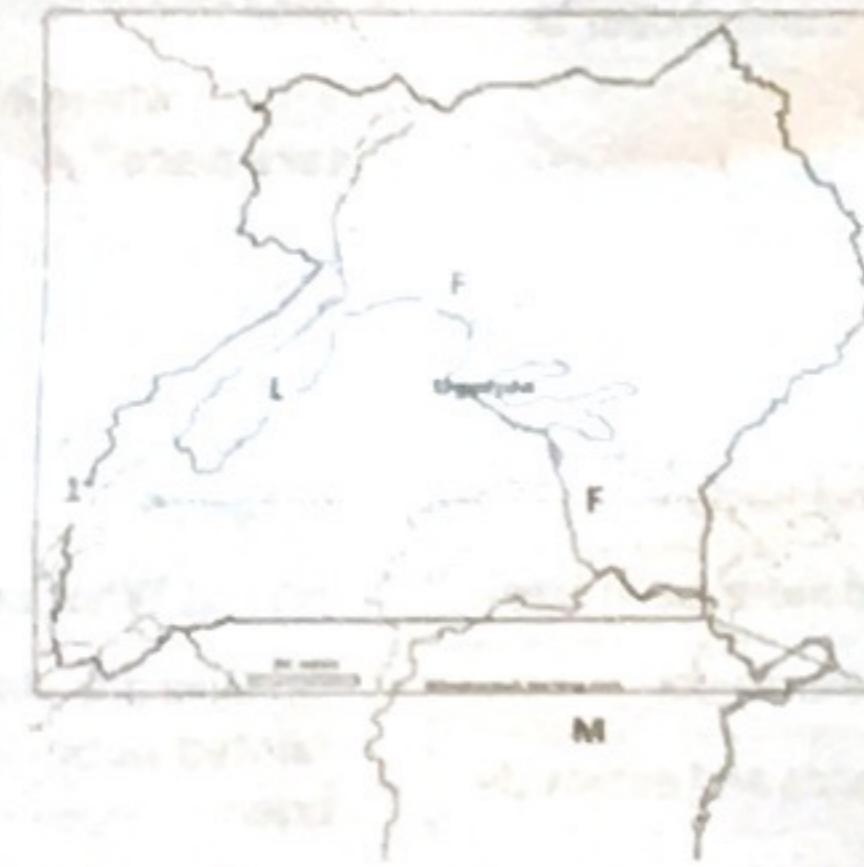
c) Give any two reasons why plantation farming is not well developed in East Africa

43. a) What is population growth?

b) State any two factors that encourage population growth in country.

c) State any one way the government of Uganda can control population growth.

44. a) Use the map of Uganda to answer questions that follow.



a) Name the section of river Nile marked F on the map.

b) Why is navigation difficult in the above section of the Nile?

c) How is the formation of lake M different from that of lake L?

d) How is feature 1 politically important

to Uganda and DRC?

45. a) Name the Portuguese explorer who discovered the sea route to India.

b) How was the above explorer able to find the sea route to India?

c) Give any one reason why the Portuguese wanted to find the sea route to India?

d) State any one effect of Portuguese at the coast of East Africa.

46. a) What type of rainfall is shown in the diagram below?



b) Name side marked A and B on the map.

i) A.....

ii) B.....

c) Why is crop growing possible on side A of the mountain?

47. a) Give any one reason why elections are important to a country.

b) Mention any one system of elections used in Uganda.

c) Name the body in Uganda that organizes elections.

d) Mention any one problem faced during elections.

48. a) States any one way vegetation promotes human health.

b) Mention any two human activities that destroy natural vegetation.

c) State any one way of conserving natural vegetation.

49. Match list A with list B correctly.

A	B
Mining area	mineral
a) Shinyanga	Soda ash
b) Hima	diamonds
c) Lake Magadi	crude oil
d) Albertine region	limestone

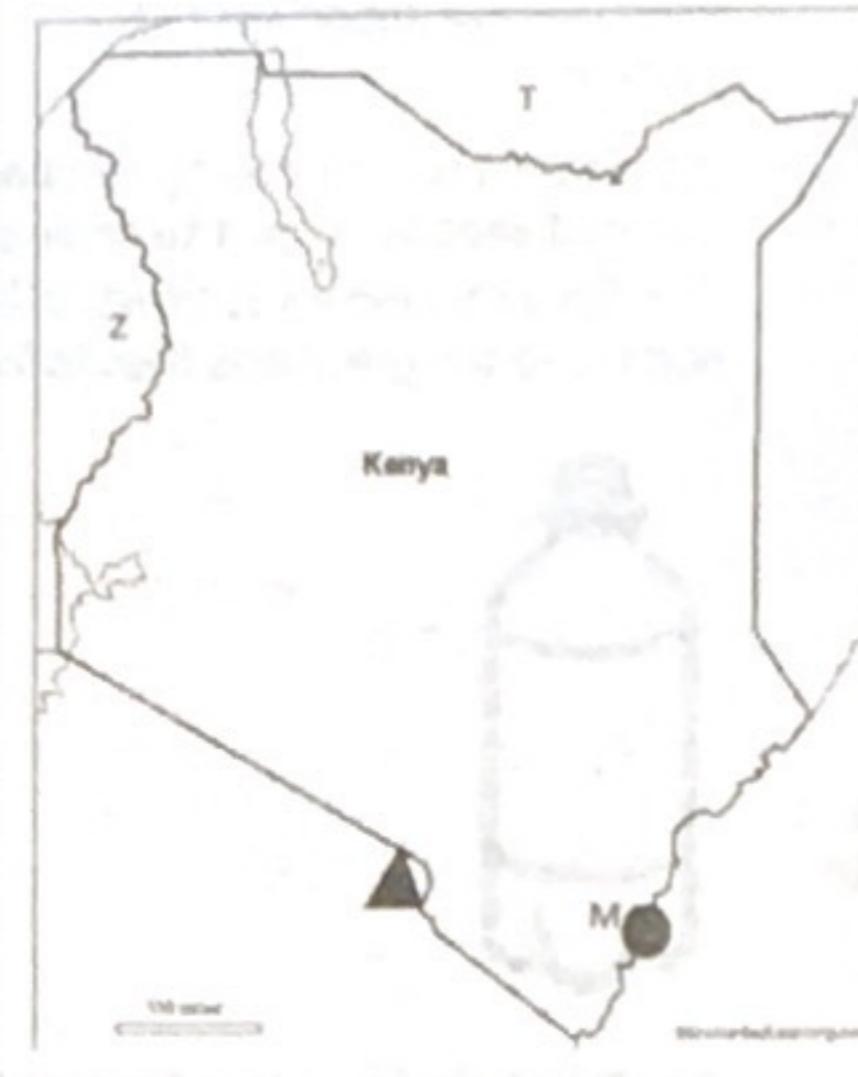
a) Shinyanga.....

b) Hima.....

c) Lake magadi.....

d) Albertine region.....

50. Use the map below to answer the questions that follow.



a) Compare country Z with Kenya in terms of location.

b) How did the independence of Eritrea affect country marked T?

c) How is town M economically important to Uganda?

d) Give any one problem faced by country Z and T due to their location.

In each of questions 51-54, answer either the Christian or Islamic question but not both alternatives.

51. Either: a) Name the religious organisations in Uganda that offer free services to needy people.

b) Give any two reasons why people give offertory in church.

Or: a) Name two religious organisations that offer free services to people.

b) Give any two reasons why Muslims pay zakat.

52. Either: a) Mention any two fruits of the Holy spirit.

b) Give any two benefits of the Holy spirit to Christians.

Or: a) Mention any two impurities according to Islam.

b) State any two ways how Muslims can protect themselves against impurities.

53. a) Either: What is suffering?

b) Give any two causes of suffering among people today.

c) What has the church done for those people who are suffering?

Or: a) What is suffering?

b) Give any two causes of suffering among people today?

c) What have muslim leaders done to those people who are suffering?

54. Either: Match list A with B correctly.

List A	List B
a) Judas Iscariot	doubted the resurrection of Jesus.
b) Thomas	denied Jesus Christ.
c) John the Baptist	betrayed Jesus Christ.
d) Simon Peter	baptized Jesus Christ.

a) Judas Iscariot.....

b) Thomas.....

c) John the Baptist.....

d) Simon Peter.....

Or:

List A	List B
a) Amina	grand father of Prophet Muhammad.
b) Abdullah	the first wife of prophet Muhammad.
c) Abu Mutwalib	mother of Prophet Muhammad.
d) Khadijah	father of Prophet Muhammad.

a) Amina.....

b) Abdullah.....

c) Abu Mutwalib.....

d) Khadijah.....

55. FOR BOTH.

a) Write down any common practices between Christianity and Islam.

b) Give any two similar beliefs between Christianity and Islam.

prayers

b) Must be knowing Arabic language, Humble, Kind, Trustworthy, Listener, Tolerant, helpful, knowledgeable about the Koran.

53. Either: a) Love your neighbor as you love yourself

b) Helpful/ One who keeps secrets, guides in good advice, loves, prayerful

c) For guidance/ Company/ For unity

OR: a) Believe in one God/ Allah and his only messenger prophet Mohammed

b) Should be loving / Should be kind

c) For guidance

54. Either: a) A person who needs help/ A person in need

b) To read the Bible / Fast/ Being prayerful

c) He rose from the dead

d) Due to her faith

OR: a) To be clean

b) i) Holy wars between muslim believers and non muslim believers

ii) Holly Journey of Prophet Muhammed from Mecca to Medina

c) Blessings/ Rewards/ Unity

55. a) Singing / Dancing/ Drawing / running / Playing football/ Preaching/ Leadership

b) To earn income, To be recognized, Earn a living, To entertain others, Help the poor,

## SECTION B