Excel in PLE

ISSUE 03

English

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SECTION A

Fill in the blank space with a suitable word.

1. _____ does a tractor look like?

2. That carpenter's _____ does not shine because he does not vanish it well.

3. It is five years _____ her husband became an engineer.

4. She ate not _____ chicken but also beef during our P.7 picnic.

5. One must _____ one's seat belt before driving.

Use the correct form of the word in the brackets.

6. The _____ at Mena Hotel was smartly dressed. (receive)

7. Peter emerged the _____ in the race. (forty)

8. School children must _____ help their parents to do domestic work. (volunteer)

9. My uncle invited a veterinarian because his animals had _____ in the kraal for the whole morning. (lie)

10. Those oranges are _____ than yesterday's. (juicy)

11. The bride _____ down and greeted her husband. (kneel)

12. Most _____ are well behaved people. (Rwanda)

13. Agnes baked these tasty buns _____. (she)

14. She sings _____ than her sister. (beautiful)

15. The mourners were filled with _____ when they saw the body of their late chief. (grieve)

Arrange these word in alphabetical order.

16. holidays, home, help, house

17. envelope, affectionately, enclose, advertisement

Construct a sentence using each of the given words.

18. ship

19. sheep

Give the plural form of the following words.

20. The headmaster wants to meet the debate secretary this afternoon.

21. Where did the tailor find his pair of scissors?

22. His handkerchief took long to dry.

Re-arrange the following words to make a sensible sentence.

23. confident Tom is a boy.

24. will fees my deposit on Mummy Friday school.

Write these abbreviations in full.

25. PTO

26. Feb.

Rewrite each sentence giving one word for the underlined group of words.

27. Masane is in the same school with her uncle's daughter.

28. Jubail stayed in Moyo for a period of two weeks.

Rewrite each sentence giving the opposite of the underlined word.

29. You should not give your dog cooked food.

30. Zebra House won the Athletics competition with a very small margin.

Rewrite the sentences as instructed in the brackets.

31. Musa likes listening to music, but he likes watching football more. (Use......interested.....)

32. Akello was very honest. She could not disappear with our money. (Use....such....that....)

33. Mr. Mumwa ate a lot of food at the party, didn't he? (End.....did he?)

34. Kiweewa broke the chalkboard ruler. Kiweewa apologised to the class teacher. (Begin: Having.....)

35. Since I don't have money, I shall not go to the market. (Use....if....)

36. None of the bridesmaids talked to us politely. (Begin: Not a single....)

37. The patient is strong. She can bathe herself. (Use:.....enough......)

38. If the old man had not been taken to hospital, he would have died. (Rewrite as two separate sentences.)

39. The naughty boy tore five books before the teacher sent him out of the classroom. (Begin: By the time....)

40. Peter wanted to know from the teacher if she could call her parents for her. (End:"........" asked Peter.)

41. Magembe found this mallet in the street yesterday. (Begin: This mallet....)

42. It is very hard to teach a pupil who is undisciplined. (Begin: To....)

43. Both James and Rose have an expensive dictionary each. (Use....and so....)

44. If she invites me, I will attend the wedding. (Begin: Unless.....)

45. Omoding enjoys riding a bicycle. Omoding enjoys reading novels. (Use:....not only....)

46. Mirembe came early. He didn't want to miss the first lesson. (Use:....in order....)

47. No sooner had the man drunk the magic drink than he lost his senses. (Begin: Immediately....)

48. The man has been arrested. He tried to kidnap a little child. (Use:...who....)

49. If you revise very hard, you get good marks. (Use: The.....the....)

50. Mulungi bought a sewing machine. The sewing machine is blue. It is very big and expensive. (Join into two using: "and" or "which")

SECTION B

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

School holidays are very important in our lives. After the end of term exams, pupils start talking about nothing but their holiday plans. Several of them plan to visit their relatives in the villages and others to play all sorts of games with their cousins, nephews, nieces, friends and siblings.

In the first term holiday, I visited my maternal Aunt Lucy, who lives in Kyengera Village. The village is on the shores of Lake Kyoga, so most people carry out fishing as their main occupation. When I got there, I was very excited. It was my opportunity to see my cousins Magola and Kakaire again after almost four years.

During the three week holiday, I would go with Magola to sell smoked fish in Kadyeri Market. It was very interesting for me to learn how to convince customers to buy from our stall. At the end of the holiday, Aunt Lucy bought for me a new leather suit case to appreciate for my hard work.

The next day, I returned home to prepare myself for the new term. Mummy was happy to see me and my new suitcase. Not a single child in Kagoma village had such a beautiful suitcase. It was my golden chance to show off.

On Monday, I boarded a taxi at the nearby stage. When I reached my destination, I got off. The conductor pulled out my suitcase out. Little did I know that it was a wrong one. When I reached school, my class teacher was waiting to receive me for the new term.

There was a big label on his table welcome back to Kasenyi Central School. The teacher asked for the requirements. I quickly got my keys to open my new suitcase. To my shock, the keys could not open. The teacher tried to help me but all in vain. It was a wrong suitcase! I was very disappointed.

Questions

a) What do pupils talk about after their end of term exams?

b) Where did the writer spend his first term holiday?

c) Why was the writer excited to visit his aunt?

d) With whom did the writer go to the market to sell smoked fish?

e) How did Aunt Lucy appreciate the writer?

f) Write one sentence from the story that shows that the writer was very excited to get a new suitcase?

g) What is the writer's school?

h) Why was the writer shocked?

i) Write another word or group of words with similar meaning to;

a) siblings

b) disappointed

52. Rearrange the sentences to form a sensible composition.

a) When we reached the garage, Mr. Kunta received us.

b) Luckily, he fixed the problem within a short time.

c) He took it to Trust Garage.

d) This made Daddy think that it was about to break down completely.

e) Mr. Kunta checked the car carefully until he discovered the problem.

f) Last Saturday, my father took our car to the garage.

g) Then he asked us what was wrong with our car.

h) After the repair, the mechanic advised daddy to ensure regular mechanical check-ups for our car.

i) Daddy explained everything to him and asked him to check it thoroughly

j) Daddy took the car there because it was making some funny noise.

53. Study Mumena's daily routine for her Primary Seven class and then answer in full sentences, the questions that follow.

Time	Activity	Venue
6:00am	Waking up	Bedroom
6:05 – 6:20am	Having a shower	Bathroom
6:30am – 6:40am	Breakfast	Dining room
6:40am – 7:00am	Going to school	-
7:10am – 4:40pm	Studying	P.7 classroom
4:40pm – 5:00pm	Going home	-
5:00pm – 5:20pm	Afternoon tea	Dining room
5:20pm – 6:00pm	Doing homework	Study room
6:00pm – 7:00pm	Doing house chores	House and kitchen
7:00pm – 7:30pm	Supper time	Dining room
7:30pm – 7:45pm	Saying a prayer	Sitting room
7:45pm – 8:00pm	Preparation for the next day	Verandah
8:00pm – 6:00am	Resting time	Bedroom

Questions

a) Whose routine is shown in the above table?

b) How many meals are shown in the table?

c) When does Mumena wake up each day?

d) What does Mumena do between 6:05 and 6:20am?

e) In which class is Mumena?

f) From where does Mumena do her homework?

g) For how long does this girl rest?

h) What makes you think that Mumena is a responsible girl?

i) Why do you think a person should bathe daily?

j) Write the full form of p.m.

54. The following is Auma's invitation card to friends and relatives to her birthday party. Study it carefully and in full sentences answer the questions about it.

INVITATION

Auma with pleasure invites Mr. and Mrs. Bogere to her birthday party with will take place on 22nd March, 2024 at Rena Gardens, Matugga.

Service will begin at 10:00am and lunch will be served at 1:00pm.

Please bring this card with you.

RSVP

1. Ms. Auma   2. Ms. Opendi
0777467409   0770425681

Questions

a) What is the information about?

b) Who has been invited to the party?

c) Whose birthday party is it?

d) How many people have been invited?

e) Where will the party take place?

f) At what time will the service begin?

g) What will happen at 1:00pm?

h) What will each invited guest take when going to the party?

i) Who should be contacted about the party?

j) Write Mr in full.

55. Study the dialogue below, which took place at Gold Trust Bank between Martha and the cashier Mr. Watuke. Mr Watuke's responses are provided. Complete the dialogue by filling in Martha's responses.

Cashier: Good morning, young girl.

Martha: _____

Cashier: What is your name?

Martha: _____

Cashier: Welcome to Gold Trust Bank.

Martha: _____

Cashier: How can I help you?

Martha: _____

Cashier: How much money have you come to deposit?

Martha: _____

Cashier: Is all the five hundred and fifty thousand in notes?

Martha: _____

Cashier: Have you separated the fifty thousand shilling notes from the twenty thousand notes?

Martha: _____

Cashier: That's wonderful. Who advised you to do that?

Martha: _____

Cashier: When did your class learn about banking?

Martha: _____

Cashier: I see. If it's a week ago, then the knowledge of banking is still fresh in your mind. Ok fill this paying-in slip before I can help you to deposit your money.

Martha: Thank you so much.

English answers to issue 02

SECTION A
1. much
2. Which
3. next
4. more / better
5. during
6. triangular
7. riding
8. angry
9. forgiveness
10. disobedient
11. cheaply
12. better
13. liar
14. swung
15. quarrelsome
16. idea of a small part got from something / a small part of something.
17. idea of a situation when there is no war.
18. sad, shame, sick, sorry
19. basketball, football, netball, volleyball
20. I would like to borrow your pencil, please.
21. It is good manners to apologize when we err.
22. must not
23. shillings/shilling
24. Why should we be unkind /cruel to the poor?
25. There are very few items on sale in the supermarket.
26. Erukana hates being among noisy friends.
27. I am sorry. I can't help you now.
28. What is the cost of cooking oil?
29. referees
30. watches
31. We are going to visit the park to see elephants next week.
32. Mwalimu George lost the election last year because he did not campaign well.
33. The washrooms are after the playground.
34. Some books are big and others are small.
35. What does a pair of scissors look like?
36. Racheal is more beautiful than Catherine(is).
37. Josephine prefers reading storybooks to reciting poems.
38. Your uniform is not different from ours.
39. My brother plays football in a good way.
40. May I have a look at the calendar?
41. What is the number of books in the school library?
42. Who took the first position in the 100 – metre race on the sports day?
43. There aren't any customers at the shop this afternoon.
44. A ruler is not as long as a rope (is) .
45. Deborah is interested in singing our school anthem.
46. It is very bad to speak to people rudely.
47. You mustn't steal anything from your classmates again.
48. From whom did you buy that chocolate-brown radio?
49. The visitors reached the venue of the concert very early in the morning.
50. What a dark – skinned musician Gemimah is!
51. (a) Rembo visited her grandparents on Sunday.
(b) Rembo's mother believed that Rembo's grandparents could spoil Rembo with too much love.
(c) Terego Village is ten kilometres from Rembo's home village.
(d) I think the signposts were important to Rembo because they showed her the way to her destination.
(e) Rembo felt tired as she sat in tree shades.
(f) Rembo spent five hours on the way to her grandparents' home.
(g) Rembo went to people's homes when she felt thirsty, according to the story.
(h) i) road /route
ii) find

Excel in PLE

Mathematics

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SECTION A (40 Marks)

1. Workout: $32 - 15$

2. Solve: $3 + p = 10$

3. Simplify: $^-7 - ^-4$

4. Write 13,014 in words.

5. Given that set M = {factors of 16}, find n(M).

6. Find the Lowest Common Multiple (LCM) of 12 and 15.

7. Find the arithmetic mean of 9, 5, 8 and 6.

8. Subtract: $\frac{5}{6} - \frac{1}{3}$

9. Write the Roman numeral XCIV in words.

10. Work out: 0.8×0.3

11. Express 5600 metres as kilometres.

12. Using a pair of compasses, a ruler and a pencil, construct an angle of $120°$.

13. Shade the complement of (A∩B) in the Venn diagram below.
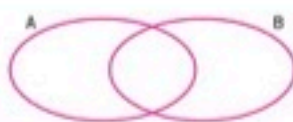
14. Anita bought 4 plates at Shs8,000. She sold each plate at Shs2,500. Find her profit.

15. Change $\frac{1}{5}$ as a percentage.

16. Two angles m and $(m + 20°)$ are complementary angles. Find the value of m in degrees.

17. How many 5,000 shilling notes can be got from a twenty thousand shilling note?

18. Which number can be added to 134 to get 300?

19. If ab = 6, b = 3, find the value of a.

20. What is the place value of 7 in 5702_{nine}?

SECTION B (60 marks)

21. A man went to the shop and bought the following items:
    3 kg of rice at Shs4,000 per kg.
    1½ kg of sugar at Shs3,000 per kg.
    8 Pineapples at Shs3,000 for every two pineapples.

    Find his total expenditure

22. Three bells ring at intervals of 30 minutes, 40 minutes and 20 minutes respectively. If the bells start together at 7:30 am, at what will they be rung together again?

23. Amooti has a piece of land that measures 90 metres by 60 metres.
    a) Find the area of the piece of land in square metres.
    b) If each square metre costs Shs30,000, find the total cost of Amooti's piece of land.

24. In a group of 80 members, 20% of them are men and the rest are women.
    a) Find the number of men.
    b) How many more women than the men are in the group?

25a) Using a pencil, ruler and a pair of compasses only, construct a rectangle ABCD in which length AB = 8cm and width BC = 6 cm.
    b) Measure the diagonal of BD =..........cm.

26. Babu, Annet and Selly are aged (k + 2), 2k and (3k – 1) years respectively. If their total age is 31 years,
    a) Find the value of k.
    b) How old is Selly?

27. Express 1101_{two} as a base five numeral.

28a) Work out: $3 – 6$ (finite 7).
    b) If today is Tuesday, what day of the week will it be after 40 days?

29. Given that P = {multiples of 3 less than 18} and Q = {0, 2, 4, 6, 8, 10}.
    a) List the elements of set P.
    b) Describe set Q.
    c) Find the number of subsets in set P.

30. Find the area of the shaded part in the figure below.

31a) A car left Kampala at 6:30 am and reached Busia at 11:30 am. If the distance between Busia and Kampala is 370km. Find the average speed of the car.
    b) Convert 3 hours to seconds.

32. The graph below shows a patient's temperature recorded at intervals of 2 hours from 8:00 am to 4:00 pm. Use it to answer the questions that follow.
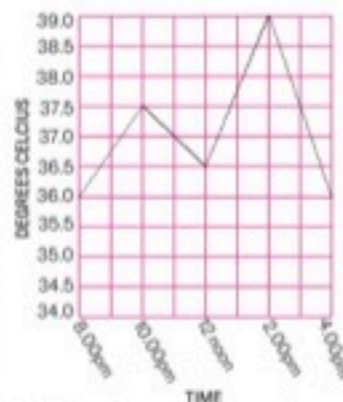
    a) At what time was the temperature the same?
    b) What was the maximum temperature?
    c) At what time was the temperature 37.5°C?
    d) Calculate the patient's mean temperature.
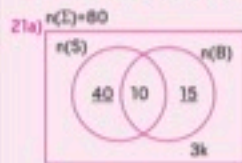

Mathematics answers for Issue 02

SECTION A (40 Marks)

1.
$$\begin{array}{r} 42 \\ \times\ 3 \\ \hline 126 \end{array}$$

2. XLIX = XL IX
   = 40 + 9
   = 49

3. 1, 3, 6, 10, 15, 21, 28
   1 + 2 = 3
   3 + 3 = 6
   6 + 4 = 10
   10 + 5 = 15
   15 + 6 = 21
   21 + 7 = 28
   (2 1, + 2 8, 4 9)

4. $k^2 + 3$
   K × k + 3
   5 × 5 + 3
   25 + 3
   28

5. $2^n - 1 = 7$ proper subsets
   $2^n - 1 = 7$
   $2^n - 1 + 1 = 7 + 1$
   $2^n = 8$
   $2^n = 2^3$
   n = 3
   n(P) = 3

6. Using $a^2 + b^2 = c^2$
   $8^2 + 6^2 = AC^2$
   64 + 36 = AC²
   100 = AC²
   √100 = √AC²
   10cm = AC
   AC = 10cm

7. 149,005 = One hundred forty nine thousand five.

8.
$$\begin{array}{r} 4700 \\ +\ 100 \\ \hline 4800 \end{array}$$

9. Let the exterior angle be x
   Ext. angle + int. angle = 180°
   x + 108° = 180°
   x + 108° – 108° = 180° – 108°
   x = 72°
   The exterior angle is 72°

10. ¼ × 8 = 2

11.
    N — North West Direction
    45° 45°+45°+45° = 135°
    S
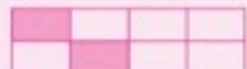
12. -4, 0, 2, 4, 6, 8
    $\frac{2+4}{2}$ = 3
    Median = 3

13. $\frac{-4-(^-16)}{12}$
    $\frac{-4+16}{12}$
    12

14. New x number
    Old
    5 × 120 kg
    2
    5 × 60kg
    300kg

15. A die = {1, 2, 3, 4, 5, 6}
    Probability = $\frac{2}{6}$

16. K + 20° + 40° = 180°
    K + 60° = 180°
    K + 60° – 60° = 180° – 60°
    K = 120°

17. 6 days ___ 4 men
    1 day ___ 6 × 4 men
    1 day ___ 24men
    3 days ___ $\frac{24 men}{3}$
    3 days ___ 8 men
    8men can dig the garden in 3days

18. 2 – 5 = ----- (finite 7)
    7 + 2 – 5 = --------(finite 7)
    9 – 5 = 4 (finite 7)
    2 – 5 = 4 (finite 7)

19. 213_{five}
    $+ 32_{five}$
    300_{five}

20. 11:30a.m
    - 7:30a.m
    4.00hrs
    Time = 4hrs.

SECTION B (60 marks)

21a) n(Σ) = 80

    n(S)   n(B)
    40   10   15   3k

(b) Value of k
    3k + 40 + 10 + 15 = 80
    3k + 65 = 80
    3k + 65 – 65 = 80 – 65
    $\frac{3k}{3} = \frac{15}{3}$
    k = 5

22. Let the first number be k

1ˢᵗ	2ⁿᵈ	3ʳᵈ	Total
K	K+2	K+4	45

K + K +2 + K + 4 = 45
K + K + K + 2 + 4 = 45
3K + 6 = 45
3K + 6 – 6 = 45 – 6
$\frac{3K}{3} = \frac{39}{3}$
K = 13

1ˢᵗ = 13, 2ⁿᵈ = K + 2, 3ʳᵈ = k + 4
= 13 + 2   = 13 + 4
= 15   = 17
Range = Highest – Lowest
= 17 – 13
= 4

23. 2 |30 |40
    2 |15 |20
    2 |15 |10
    3 |15 |5
    5 |5 |5
    1 |1 |1
    2×2×2×3×5
    8 × 15
    120 Minutes
    $\frac{120min}{60}$
    = 2hrs

(b) 10 : 00am
    + 2 00
    1 2 : 0 0 noon

24a) 0.081 × 0.36
    0.3 × 1.2
    = $(\frac{81}{1000} \times \frac{36}{1000}) ÷ (\frac{3}{10} \times \frac{12}{10})$
    = $\frac{81}{1000} \times \frac{36}{100} \times \frac{10}{3} \times \frac{10}{12}$
    = $\frac{27 \times 3}{1000}$
    = $\frac{81}{1000}$
    = 0.081

(b) $\frac{1}{4} ÷ \frac{2}{3} + \frac{1}{2}$
    = $\frac{1}{4} \times \frac{3}{2} + \frac{1}{2}$
    = $\frac{3}{8} + \frac{1}{2}$
    = $\frac{3+4}{8}$
    = $\frac{7}{8}$

25. Area of a rectangle
    A = L × W
    = 20cm × 15cm
    = 300cm²

Area of the triangle
A = ½ × b X h
= ½ × 20cm X15cm
= 1 X 10cmX15cm
= 150cm²

Area of shaded part
300cm²
-150cm²
150cm²

26a) 1ˢᵗ DRIVE
    D = Sp × T
    = 60km/hr × 3 hr
    = 60km × 3hrs
    1hr
    = 60 km × 3
    = 180km

2ND DRIVE
D = Sp × T
= 70km/hr × 2hrs
= 70km × 2hr
1hr
= 70 km × 2
= 140km
Av. Speed = $\frac{total distance covered}{total time taken}$
= $\frac{180km + 140km}{3hr + 2hr.}$
= $\frac{320km}{5hr}$
= 64km/hr.

(b) 7:30am
    + 5:00hrs
    12:30pm

27.

ITEM	QTY	UNIT PRICE	AMOUNT
Soap	3 bars	Shs2400 each	Shs7200
Rice	2kgs	Shs3,500 per kg	Shs7000
Salt	2½kg	Shs1200 per kg	Shs3000
TOTAL			Shs17200

28. Moses : Juma : Wekesa
    2 : 3 : 5
    Total ratio = 2 + 3 + 5
    = 10

Difference in shares of Asuman and Moses.
5 – 2 = 3 more
3parts = Shs60,000
1part = $\frac{Shs60,000}{3}$
1part = Shs20,000
10parts = Shs20,000 × 10
10parts = Shs200,000
They shared Shs200,000.

(b) Juma got Shs20,000 × 3
    = Shs60,000.

29. Let the daughters age be m

daughter	father	Total
m	3m	60years

M + 3m = 60yrs
$\frac{4m}{4} = \frac{60yrs}{4}$
M = 15yrs
Daughter is 15yrs old

(b) 5 – 2(k– 3) = 1
    5 – 2k + 6 = 1
    5 + 6 + 2k = 1
    11 + 2k = 1
    11 – 11 + 2k = 1 – 11
    $\frac{2k}{2} = \frac{-10}{2}$
    k = – 5

30. πD = C
    $\frac{22 \times D}{7}$ = 88m × 7
    7 × $\frac{22D}{7}$ = 88m × 7
    $\frac{22D}{22} = \frac{88m \times 7}{22}$
    D = 4mx 7
    D = 28m
    Area = πr²
    = $\frac{22 \times 14mx14}{7}$
    = 22 × 2mx14m
    = 616m²

31. Let x be the percentage of girls.
    x + x + 20% = 100%

2x + 20% = 100%
2x+20% –20%=100%–20%
$\frac{2x}{2} = \frac{80\%}{2}$
x = 40%
Percentage of girls
= 40%+20%
= 60%

(b) Let w be the total number of pupils.
    $\frac{60 \times w}{100}$ = 1200
    $\frac{60w}{100}$ = 1200 × 100
    $\frac{60w}{60} = \frac{120000}{60}$
    w = 2000
    ∴ 2000 pupils were in class.

32. Value of w
    w + 90° + 150° = 360°
    w + 240° = 360°
    w + 240° – 240° = 360° – 240°
    w = 120°

    Let amount shared be k
    $\frac{90°}{360°}$ × k = Shs250,000
    $\frac{k}{4}$ = Shs250,000
    k = Shs250,000 × 4
    k = Shs1,000,000
    He earns Shs1,000,000.

Science

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SECTION A (40 Marks)

1. Name the body organ for feeling
2. Where does digestion end in man?
3. Mention the fibre got from Merino sheep
4. How is a child health card useful to a parent?
5. Outline one physical process involved in distillation method.

The diagram below shows a tooth, use it to answer questions 6 and 7.

6. State the function of the above tooth.
7. How is the above tooth adapted to its function of cutting food?
8. Name any one place in the body where blood cells are made?
9. What happens to worker bees after stinging?
10. Why are babies considered in the vulnerable group of people?
11. How is the reproduction of a bean plant similar to that of a pine?
12. State the main reason for preserving food.
13. Mention one example of mammals that chew cud.
14. Write one way people make good use of echoes.
15. Mention any one suitable method of controlling insect pests.
16. Name the component of the circulatory system which is a medium for transporting materials throughout the body.
17. State one defence mechanism some plants develop to survive in the environment.
18. In which way does terracing help to control soil erosion in hilly areas?
19. Why is the government encouraging people to conserve wetlands?
20. Why is diarrhea said to be a vector borne disease?
21. Mention one recommended garden tool for carrying out row planting.
22. Why is part of a rain gauge placed in the ground?
23. How are reptiles useful animals to people?

Study the diagram below and use it to answer questions 24 and 25

24. Name of the type of stem marked M
25. In which way is the root system marked F similar to that of maize plants?
26. Which immunisable disease can a garden protect himself from wearing gumboots?
27. State one common sign of marasmus.
28. Mention the type of soil for making ceramics
29. In which way are nimbus clouds important to crop farmers?
30. Name one tool used in displacement method of finding volume.
31. Why do sheep keepers carryout docking?
32. How does diarrhea lead to dehydration.
33. What does letter "I" stand for in the word AIDS?
34. In which way is mucus important in human nose?
35. Mention the amphibian with a tail.

Below is a component of alimentary canal. Study it and answer question 36.

36. Mention the digestive juice secreted by the above part.
37. Give one advantage of breast feeding to a baby.
38. Mention the reproduction part of a plant.
39. Where does gaseous exchange take place in man?
40. Mention one element of weather.

Section B

41. a) Give two examples of non flowering plants the reproduce by means of seeds.
b) Mention two examples of spore bearing non flowering plants.
42. a) Mention two examples of stem tubers.
b) Give one common pest of stem tubers.
c) Write down one way of controlling pests that attack stem tubers.
43. a) In which way are wasps harmful to people?
b) Give two examples of social insects.
c) In which way is a butterfly unfriendly to a crop farmer during larva.

The diagram below shows a method of heat transfer in matter. Use it to answer questions that follow.
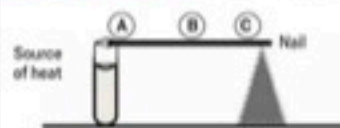

44. a) Which wax melts first?
b) Give a reason for your answer.
c) Mention the method of heat transfer shown above.
45. a) Give any two examples of physical changes.
b) State any one characteristic of physical changes.
c) Which part of air supports burning of wood?
46. Match the item in A to those in B

A	B
Budding	the branch of a mother plant is bent to the soil
Grafting	a ring is cut through a bark of a branch to allow roots develop
Layering	involves union of scion to the stock of another plant
Marcotting	dormant bud from a plant is fixed is to the shoot system of another

Budding _____
Grafting _____
Layering _____
Marcotting _____

47. a) State any two reasons why farmers should keep goats instead of cattle.
b) What is the main reason for keeping seamen goats?
c) Write down any one problem faced by goat farmers in Uganda.
48. a) Name the vector that spreads Malaria.
b) State two ways of preventing spread of Malaria in a home.
c) In which way does draining stagnant water control mosquitoes in a home?
49. a) State two ways of promoting personel hygiene.
b) Mention two items used in promoting personal hygiene.

50. a) Write the following in full as used in immunization
i) UNEPI
ii) NID
b) Mention two immunisable diseases.
51. a) The flow chart shows classes of vertebrates. Study and use it to answer questions that follow:
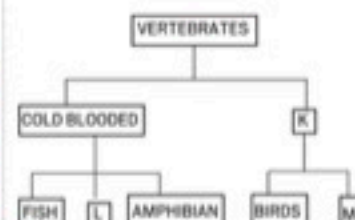
a) Name class of vertebrates marked
L ....
M ....
b) Identify two animals that belong to L
52. a) What is dehydration?
c) Why should the following be included in SSS:
i) Sugar   ii) Salt
d) Write the second D in the 3Ds
53. a) State the suitable first aid for the accidents below:
i) Fever
ii) Near drowning
b) State two reasons for giving first aid.
54. a) Mention two types of soil erosion.
b) How can soil erosion be controlled in:-
i) Flat areas
ii) Hilly areas
55. a) State two characteristics of essential drugs.
b) Give two reasons why doctors prescribe drugs for patients.

Answers to Issue 02

SECTION A

1. Ovary /receptacle
2. To provide energy
3. It should be raised above the ground
4. Its is limbless // has no limbs
5. They have thin walls
6. Spraying acaricides
7. For spraying acaricides that kill ticks //
8. The ear// ears.
9. Both undergo asexual reproduction
10. Ash absorbs moisture from faeces
11. Presence of acidic conditions// hydrochloric acid //
12. Assertiveness// self esteem// critical tinging //self – awareness
13. To prevent capillarity // dampness in the walls.
14. To prevent being shapeless.
15. The holes left in ground collect stagnant water where mosquitoes breed from.
16. Tape worms feed on digested food.
17. It can lead to dampness/ Makes the flow of urine hard.
18. Potential energy.
19. The stones is not moving // at rest/stationary
20. Trees help in rain formation
21. Both help to tell time.
22. To prevent dampness in the hive // hives from being swept away by running water.
23. Refrigeration//freezing.
24. Cohesion
25. Mercury does not evaporate easily// has highest boiling point
26. Flowers has another heads that produce pollen grains// have stigma to receive pollen grains // have brightly colored petals.
27. To prevent them from rusting
28. To make them non effective// prevent them from causing diseases.
29. By tightening the drum head.// increasing tension of turning ropes
30. To promote pupils' personal hygiene// identify health problems among pupils.
31. By putting a solid object between jaws
32. Littre can hide parasites// can act as fire hazard
33. Respiration.
34. An earth worm will suffocate// die //fall to breathe.
35. A ball is less dense than water// water is denser than a ball
36. Astone will sink
37. Oviduct //fertilization
38. It destroys hiding places for pests // enables crops get enough sunlight
39. Sensitizing source// cleaning it//slashing tall bushes around // fencing it
40. HIV/aids does not spread through shaking hands
41. (a) in the mouth// anus// armpit// vagina
b). heat can break the glass stem
c) to reset it// allow mercury go back to the bulb.
42. (a) pineapples
b). List C//C
c) the pods of groundnuts are in the soil white those of the crops above the soil
d.) they provide carbohydrates
43 (a) evaporation to dryness// fractional distillation
b) it dissolves most solutes
c) Put a mixture of sand and salt into a container
Add water and stir
Filter the mixture
Evaporate to dryness.
44(a) tethering.
b) It restricts// restrains goat movement // stops groats movement to crops. movement to crops.
45. (a) are source of food // herbal medicine
b). yeast enables dough // brad to rise
c) wine making // alcohol or brewing industry
46.(a) duodenum.
b). lipase.
c) they are already soluble
d) hepatic portal vein
47(a). glucose + oxygen → carbon dioxide + water vapour
b) respiration
c) plants get carbo dioxide
48. (a) reptiles
b) for smelling // tasting// detecting danger.
c) to allow venom pass
d) snake venom is used to make antivenom drugs (serum)
49 (a) cork// vacuum.
b) broken vacuum seal// poor fixation of the cork (one levelled teaspoons of salt
c) sodium// potassium
d) continue breast feeding // give plenty of fruits// fluids// juice// porridge // water// intravenous rehydration.

51(a) vasectomy.
b) it blocks passage of sperms.
c) it leads to permanent sterility // is expensive // is done by skilled personnel
52(a) cholera// polio// dysentery// bilharziasis// typhoid.
b.) boiling water// cleaning water sources// proper disposal of human wastes // covering leftover food.
53 (a) non- renewable resources//
b) fossil fuels// wall// crude oil// natural gas/ peat // uranium// copper// gold // plutonium
c) by using alternative resources// walking short distance// using donkeys// controlled mining
54a) (mosquitoes)
b) to keep the buoyant // enable them float on water.
c) the larva breathes through a siphon white adult spiracle
d) rearing tall bushes // draining stagnant water.
55 a) Embryo
b) it has two scars.A
c) R absorbs and supplies food to the embryo while X stress food
d) marasmus.

(i) REMBO VISITS HER GRANDPARENTS / THE SURPRISE VISIT / REMBO'S VISIT TO TEREGO VILLAGE
52. (a) Ms. Girita Lydia's shopping list is shown above.
(b) She did the shopping on Thursday, 25th February, 2024.
(c) She bought the items from Katengo Shopping Mall.
(d) A gold necklace was the most expensive item on the list.
(e) The dress cost forty thousand shillings.
(f) The buyer borrowed money for the birthday cake from Suzan.
(g) She got the money for buying sunglasses from her / the piggy bank.
(h) The above person gave her mother three gifts.
(i) The handbag she bought was woolen/ She bought a woolen handbag.
(j) Having a bank account shows that the above person saves money in the bank.
53. d, g, i, e, c, a, j, h, f, b
54. (a) Elders should teach the young generation good behaviour.
(b) There is no future without good morals.
(c) Parents must teach their children courtesy, according to the poem.
(d) I expect children to say sorry when they err / make mistakes.
(e) The children are supposed to greet people humbly / with humility.
(f) Nyasigata Charlotte is the writer of the poem.
(g) The poem has been written in four stanzas.
(h) Fathers shouldn't entertain indiscipline in their homes.
(i) The children will get spoilt when parents spare the rod.
(j) incest and homosexuality.
55. Sabra 1: Good morning, Odda.
Sabra 2: I am going to use it for playing.
Sabra 3: My favourite game is netball. / I prefer netball to football.
Sabra 4: I enjoy netball because it is easy to play.
Sabra 5: I play netball with my fellow girls.
Sabra 6: No, it is not. Even boys can play netball.
Sabra 7: We shall play netball during lunch time.
Sabra 8: The netball match will take place behind the staffroom.
Sabra 9: Yes, there is. / Yes, there is a playground behind the staffroom.
Sabra 10: Thank you, Odda.

Excel in PLE

Social Studies

Paul Jungu
Kampala Standard Primary School

SECTION A (40 Marks)

1. Name Uganda's neighbouring country to the North.

2. Give the name of river Nile between Lake Kyoga and Lake Albert.

3. What type of vegetation covers the largest part of Uganda?

4. Write N.E.M.A in full.

5. State the major use of Longitudes and Latitudes on a map.

6. Give one reason why air transport is used to transport flowers over long distances.

7. Mention any one natural resource in Uganda.

8. Name the weather instrument that is placed in a flat open ground.

9. What is the main occupation of most people in Central Uganda?

10. Why is port Mombasa important to the economy of Uganda?

11. In the space provided below, draw the map symbol for a rift valley.

12. Give one reason why elephants need to be protected from poachers.

13. What is a community?

14. Give any one problem that a school without a library is likely to face.

15. State the source of hardwood in Uganda.

16. What is the use of a Zebra-crossing on busy roads?

17. How is soil erosion in hilly areas controlled?

18. Who is the chairman of the Electoral Commission in Uganda?

19. Why is the 9th October a public holiday in Uganda?

20. State any one way in which electricity is useful in factories.

21. Give the work of a Resident District Commissioner.

22. How are the Bakima and Karimojongs similar in their occupation?

23. Why do crop farmers harvest their crops in the dry season?

24. What is a National Constitution?

25. How was Mt. Mufumbiro formed?

26. There are three organs of a democratic government, Legislature, Executive and Judiciary. Which of these organs is responsible for punishing lawbreakers?

27. Name any one organization which helps the needy people in Uganda.

The diagram below shows a tool used by early man. Use it to answer question 28.

28. How useful was the tool above to early man?

29. How do people benefit from swamps?

30. What cultural ceremony among the Bagisu turns boys into men?

31. What is the use of a class timetable?

32. Give any one group of people who keep security in a community.

33. Why did Gipir and Labong separate?

34. Give the reason why the Equator is marked OO.

35. Name the first ethnic group to migrate into Uganda.

36. Why is Ahmed-bin-Ibrahim remembered in the history of Uganda?

For questions 37 to 40, answer EITHER the Christian OR Islamic question but not both. No marks will be awarded to a candidate who attempts both alternatives.

37. Either: Mention the religion that existed in Uganda before introduction of Christianity and Islam.

Or: Name the first foreign religion in Uganda.

38. Either: When does a Christian become a member of God's family?

Or: When does a person who is not born by Muslim parents become a Muslim?

39. Either: Who was the first Christian martyr, according to the Bible?

Or: Who was the first caliph of Prophet Muhammed?

40. Either: Why is Mountain Sinai important to Christians?

Or: Why is Mountain Hira important to Muslims?

SECTION B (60 Marks)

41. Study the climatic table of place A below and answer the questions that follow.

Months	J	F	M	A	M	J	J	A	S	O	N	D
Rainfall (mm)	90	85	100	120	110	80	30	70	90	115	95	90
Temperature °C	20	22	28	26	25	21	20	24	29	25	23	21

(a) Which was the wettest month in place A?

(b) What was the average temperature recorded in August?

(c) Which month had the least amount of rainfall?

(d) What farming activity is suitable in the month mentioned in question (c) above?

42. (a) What is migration?

(b) Give any three reasons why people move from rural areas to urban areas.

43. (a) Give any two basic needs of a family.

(b) Suggest any one way in which the following people meet the needs of their families.
(i) Farmer: (ii) Veterinary doctor:

44. (a) Give any two uses of a drum in a community long ago.

(b) State two ways in which mobile phones have made communication easy.

45. (a) What title is given to the person who heads the Judiciary in Uganda?

(b) Mention any two groups of people who are members of the Judiciary.

(c) What is the major work of the Judiciary in Uganda?

46. (a) Which group of people bought slaves in Uganda?

(b) Mention the kind of money which was introduced by the people named above.

(c) What system of trade existed before the introduction of money in Uganda?

(d) What did the people of Buganda put on before cotton cloth was introduced?

47. Study the map of Uganda below and answer the questions that follow.

(a) Name the river marked with letter A.

(b) Give any one tribe which migrated into Uganda using route marked B.

(c) Which tourist attraction is found in the place marked C?

(d) Why does the region marked xxx receive plenty of rainfall?

(e) Name the largest fish caught in Lake Victoria.

(f) Give two traditional methods of catching fish in Uganda.

(g) Why is it bad to catch fish using poison?

49. (a) The table below shows tribes and the legends that they tell. Study and complete it correctly.

	Legend	Tribe
(a)	Mundu and Seera	
(b)		Baganda
(c)	Bachwezi	
(d)		Acholi

50. (a) Name the British official who brought Sudanese soldiers in Buganda.

(b) Name any one fort built by each of these personalities in Uganda.
(i) Sir Samuel Baker: _____
(ii) Sir Gerald Portal: _____

(c) Why were Sudanese soldiers brought in Buganda?

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

51. Either: (a) What is the meaning of prayer?

(b) Who taught Christians how to pray?

(c) Why do Christians kneel when praying?

(d) Why do Christians close their eyes when praying?

Or: (a) What is Salat?

(b) Who taught Muslim believers how to perform Salat?

(c) Why do Muslims wash parts of their bodies before performing Salat?

(d) Why do Muslims remove their shoes before entering a mosque?

52. Either: (a) Mention the name of the mother of Jesus.

(b) In which town was Jesus Christ born?

(c) Who was the earthly father of Jesus Christ?

(d) Why did Jesus come on earth?

Or: (a) Mention the name of the mother of Muhammed (P.B.U.H)

(b) In which town was Muhammed (P.B.U.H) born?

(c) Who was the father of Muhammed (P.B.U.H)?

(d) Why did Allah send Prophet Muhammed (P.B.U.H)?

53. Either: (a) Give any two things a Christian is expected to do during Lent.

(b) In which two ways does fasting help a Christian?

Or: (a) Give any two things which a Muslim is expected to do during the holy month of ramathan.

(b) Give any two groups of people who may be excused from fasting.

54. Either: Choose the correct name in LIST A to complete the statements in LIST B.

LIST A	LIST B
Thomas	buried the body of our Lord.
Amos	doubted that Jesus had risen.
Simon Peter	fed on honey and locusts.
Judas Iscariot	denied the Lord three times.
John the Baptist	
Joseph of Arimathea	

(a) _____ buried the body of our Lord.

(b) _____ doubted that Jesus had risen.

(c) _____ fed on honey and locusts.

(d) _____ denied the Lord three times.

Or: (a) Apart from Salat, list the other pillars of Islam.

55. Either: (a) Who was sent by God to rescue the Israelites from Egypt?

(b) Mention any three ways in which the people of Israel suffered while in Egypt.

Or: (a) Give any two duties of the angels of Allah.

(b) Give two ways in which a Muslim promotes and shows friendship and brotherhood to others.