Excel in PLE

ISSUE 13

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English

SECTION A

Fill in the blank space with a suitable word.

1. It is bad manners to talk _____eating.
2. How _____milk does your neighbour sell in a day?
3. We look _____to sitting our mock exams this month.
4. Uncle Paul went to the bank and _____some money for buying my school requirements.
5. Do not cross the road _____it is clear.

Use the correct form of words given in the brackets.

6. His mother _____psychology when he was at the university. (study)
7. Our teachers always _____us to promote the spirit of togetherness. (courage)
8. This is the tin in which I kept some _____. (doll)
9. I dislike his _____way of dressing. (child)
10. Mutoni should carry an umbrella since it is _____heavily. (rain)
11. Murithi is a great friend of _____. (us)
12. Most _____areas in Uganda have experienced landslides this season. (mountain)
13. We _____visit our grandpa during the holidays. (usual)
14. Sasha's parents will celebrate their _____anniversary next year. (forty)
15. The meeting was _____with a prayer by Paul. (conclusion)

Give the singular form of the words given.

16. mice
17. quizzes
18. pupils' toys

Re-write the sentences giving the opposite of the underlined words.

19. I do not want to perform well in this test.
20. He is in the same class with his niece.

Arrange the given words in alphabetical order.

21. rights, freedom, education, children
22. run, reach, race, record

Re-range the given words to form correct sentences.

23. school foot I on go always to.
24. smart is Priscilla How!

Write the given words in short form.

25. television
26. carbon copy to

Re-write the sentences giving a single word for the underlined words.

27. Musisi always does his work with great care.
28. Did you come across a lame man on your way to school?

Use each of the given words in a sentence to show the difference in their meaning.

29. cat
30. cart

Rewrite the sentences as instructed in the brackets.

31. I am the one who baked these tasty buns. (Use: ....myself.)
32. What is the price of a kilo of sugar? (Begin: How....?)
33. He would rather be a carpenter than a tailor. (Use...prefer....)
34. The teacher was tired but he managed to complete the lesson. (Use: .....although.....)
35. My new watch has stopped working. I bought a new cell for it yesterday. (Use.... which.....)
36. There is only one envelope in the box, _____? (supply a suitable question tag)
37. Amito has been a teacher for two years. (Use:...since.....)
38. They travelled to Kenya as soon as the holiday began. (Begin: No sooner.....)
39. To whom does the red bag belong? (Use:....owns.....)
40. Someone cleans the dormitory every day. (Begin: The dormitory.....)
41. Campbell can speak English very well. (End: .....speaker.)
42. We should go now or else we shall miss the concert. (Begin: If....)
43. "Leave the door open!" she said. (Use:.... told.....)
44. Both the bride and the groom were smartly dressed. (Begin: Neither.....)
45. Daddy bought a stool. It had three legs. (End:.....stool.)
46. Alfred saved a lot of money. He wanted to start a company. (Use:.....so that.....)
47. It may rain this evening. (Use:.... likely.....)
48. Bunjo felt very hungry after swimming for three hours. (Begin: Having....)
49. All the waitresses in this hotel are polite. (Begin: Each.....)
50. Musomi is tall. Oriba is very tall. (Use:... as....as.....)

SECTION B

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

GOOD BEHAVIOUR

Isabella Mpungu is a pupil in primary four at Little Stars Primary School located in Makindye Division, Kampala District.

Before going to school every day, Isabella says a prayer after waking up, she greets her parents, Mr. Mpungu Vianey and Mrs. Mpungu Brenda. She then takes a bath and has breakfast. After that she picks her bag and walks to school, which is half a kilometre from home.

On reaching school, Isabella greets her class teacher, Mr. Omoding Edward and any other teachers she finds in the classroom. She does not only stop at that, but also greets her seatmates and other pupils in the classroom. Isabella uses courteous words appropriately. When she wants to move out of her classroom to relieve herself, Isabella politely seeks permission from the teacher handling the lesson at that time.

Owing to her good behaviour, Isabella has made more friends at school, including most teachers. For example, last term she received a present for being the most disciplined pupil in primary four. This also made her parents happy and proud of her. They have since promised to buy her a new pair of shoes and a watch during the holidays.

It takes a well-behaved pupil a short time to learn how to associate and relate with the rest of the school as a result of good behaviour. This serves as a lesson to most of us in school to exhibit good behaviour.

Questions

a) Which pupil is talked about in the story?
b) In which class is she?
c) To which school does she go?
d) Which district is mentioned in the passage?
e) According to the passage, who are Isabella's parents?
f) Why do you think the writer says a prayer before going to school?
g) How will the writer's parents reward her according to the story?
h) How far is the writer's school from her home?
i) What lesson do you learn from the passage above?
j) What does the writer do when she wants to relieve herself?

52. Assume that your name is **Mukisa Gershom**. You go to Excel Primary School, Katabi. You are a son of Dr. **Byenkya Desmond** and **Mrs. Edith Byenkya**. You live in Kawaala Village in Wakiso District. Your father is a doctor and your mother is an engineer. You were born in Namungona Orthodox Hospital on 7th July, 2010. You would like to join Galaxy Junior School, Mukono.

Below is an admission form for Galaxy Junior School. Use the information above to fill in the admission form below carefully.

GALAXY JUNIOR SCHOOL,
P.O.BOX 454, MUKONO
ADMISSION FORM FOR 2024
Pupil's name: _____
Date of birth: _____ Age: _____
Place of birth: _____
Father's name _____
Father's occupation: _____
Mother's occupation: _____
Place of residence: _____
District of birth: _____
Name of former school: _____

53. Re-arrange the sentences below to make a good composition about Mbambu's lockdown experience.

a) Among the house chores was baking.
b) The first thing was the ban on private and public vehicles.
c) Mbambu has a lot to tell about the Covid-19 lockdown.
d) She owes this skill to her mother and her elder brother.
e) She had never seen this in 12 years of living.
f) By the second month of the lockdown, Mbambu could bake chapatti and pancakes.
g) Besides learning those terms, Mbambu acquired skills of self-reliance.
h) Secondly, Mbambu heard and learnt several new terms.
i) Mbambu learnt how to do many house chores.
j) All these terms were connected to Covid-19 pandemic.

54. Read the poem below and then answer questions that follow.

A Rose Flower

In the garden behind our house
Grows the rose flower
Full of life and beauty,
Its petals so soft and delicate,
And its smell so sweet and attractive.

The rose flower
With several attractive colours
Ranging from purest white,
To deepest red, an amazing sight,
The rose stands proud and tall,
Swinging its leaves in the cold wind.
As the sun rises in the morning sky,

The rose opens up its petals wide,
Relaxing in the warmth and light,
As bees buzz around in search for nectar
A lovely sight for all the visitors
Who set foot on our courtyard.
The rose flower
A symbol of love and beauty
So let us cherish this lovely flower,
And admire its beauty every hour,
For a rose is a gift from nature's hand,
A treasure that we must all love.

By Carol Bisaso

Questions

a) What is the poem about?
b) How many stanzas does the poem have?
c) How does the writer describe the rose flower in the first stanza?
d) Which two colours are mentioned in the second stanza?
e) What does the rose flower do in the cold wind?
f) When does the rose flower open its petals?
g) Which insects buzz around in search for nectar?
h) Why do bees visit the rose flower?
i) Suggest another word which means the same as **lovely** as used in the poem.
j) Who is the poet?

55. There is massive cutting down of trees for charcoal burning in your area. This has created a lot of problems in your community. For example, there is global warming, drought and strong winds which have led to the destruction of houses and crops. As a concerned young citizen write a letter to the Executive Director, National Environment Management Authority (NEMA) PO Box 3087, Kampala, complaining about the above activities and how they have affected the environment. Urge him to take immediate action before the remaining two small forests of Kibira and Kisiko are cleared. Use your school address

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English answers to issue 12

SECTION A

1. are
2. dentist's
3. not
4. directory
5. lambs
6. remedial
7. criminals
8. argument
9. nationals
10. stronger
11. humbly
12. twelfth
13. invigilator
14. shamed
15. maintenance
16. begin, behind, below beside
17. restaurant, sauna, table, uniform
18. Waya is among that audience.
19. Subiza returned the story book to the library by herself.
20. There goes the conductor of this bus.
21. afternoon / after midday
22. please turn over
23. Idea of being in a position in which the upper body is upright and supported by the bottom.
24. Idea of what is sat on or sat at.
25. Cloths
26. fishermen
27. She woke up very early this morning.
28. This bank has a number of women workers.
29. You and I will be the masters of ceremonies at Grandma's birthday party.
30. Where will you spend your holidays this term?
31. Odero is a very humble boy, but he doesn't do his homework.
32. Miss. Charlotte, who is a professional footballer, visited our home last year.
33. None of the waiters in this hotel will go to the swimming pool.
34. There isn't much sugar in the passion fruit juice.
35. The teacher asked the learners if / whether they (had) completed their homework the previous day.
36. Magu did not go to the butcher's and neither did Dasta.
37. To whom does that receipt belong?
38. Kule is not as heavy as Baluku (is).
39. If Kidaga had a phone, he would / could buy airtime.
40. My intention is to join the army when I turn twenty – five.
41. Cheplagat rears sheep besides goats.
42. Nakato was accused of breaking the tree seedlings in the school compound.
43. I have been ordered by my father to feed the cows.
44. Birobiro is very undisciplined.
45. The baker has been kneading the dough since noon.
46. Both Jedidiah and Musimenta have a dictionary.
47. It was such an interesting dance that everyone who attended the music festival enjoyed it.
48. The candidates are looking forward to receiving their results in February.
49. Maria's twins are too fat for me to carry by myself.
50. What does a bobbin look like?

51. a) Cheza Zawadi is telling the above story.
b) The storyteller studies in Tomato Primary School.
c) The storyteller spent her holidays with her family members.
d) The storyteller travelled back home for holidays.
e) The fact that the storyteller's mother hugged her shows the mother loves her.
f) The storyteller knelt down as she greeted the father to show respect for him.
g) Sabula Beach / Dolado Forest Park.

CONTINUES ON PAGE 21

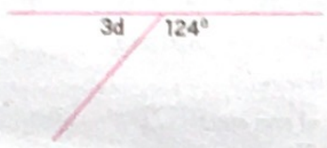
Excel in PLE

Mathematics

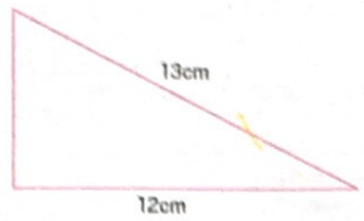
Adimon Makerere
Trusted Care Junior School, Kasese

SECTION A (40 Marks)

1. Subtract 65 from 14
2. Write in figures: Two thousand sixteen
3. Solve: $3 - m = 5$
4. Simplify $+8 - -3$
5. Given that set P = { b, r, e, a, d}
   Q = { b, u, t, e, r}, find n(P – Q)
6. Express 1000_{two} in decimal base.
7. A taxi travelled at a speed of 90km/h and covered a distance of 135km. What time did the journey take?
8. Simplify: 2½ + 5½
9. Work out: 12 + (9+3)
10. Find the value of d.



11. Find the next number in the sequence below 4, 5, 8, 14, 24,____
12. State the place value of 1 in the number 34,619
13. The cost of 4 books is Shs3,200. How many books can be bought with Shs4,800?
14. John walked a distance of 2.3km. Express his distance in metres.
15. Find the length KL using the right angled triangle below.



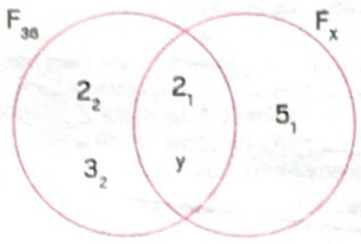
16. Use the distributive property to work out: 1.5(87 + 13)
17. A certain number of sweets was shared among 4 girls and 6 girls leaving a remainder of 1 sweet. How many sweets were shared?
18. Expand 3682 using place values.
19. Express XCIX in Hindu Arabic numerals.
20. Using a ruler and a pair of compasses, construct an angle of 75°.

SECTION B (60 Marks)

21a) During the presidential elections, a candidate obtained 10,411 votes from county A, 12,242 from B, 8,211 from C, 9,001 from D and 1,400 from E. How many votes did he get from the district?

b) The reading of the water metre at the beginning of the month was 0040702 and at the end of the month was 0040731. How many units of water was used during the month?

22. Given the Venn diagram below, use it and answer the questions that follow.



a) Find the GCF of x and x.

b) Find the LCM of 36 and x.

23. At a birthday, Jane, Isabella and Daniella contributed some money in the ratio of 3:1:5 respectively. If Daniella contributed Shs48000 more than Isabella, what was their total contribution?

24. The sum of three consecutive odd numbers is 69.

a) Find the numbers.

b) Work out their range.

25. Given that set M = {factors of 28}, set P = {multiples of 4 less than 44}, find the:

a) Elements of set M.

b) The cardinal number of the union of the two sets.

26. The figure below is a cylindrical tin whose volume is 1540cm³.

a) If its height is 10cm, find the radius of the tin. ($\pi = \frac{22}{7}$)

b) Work out the length of the rectangular sheet that can be made from the hollow tin. ($\pi = \frac{22}{7}$)

27a) Solve: 2(3k + 2) + 5(k+3) = 41

b) Given that t = 0.4n and n = 32, find the value of t.

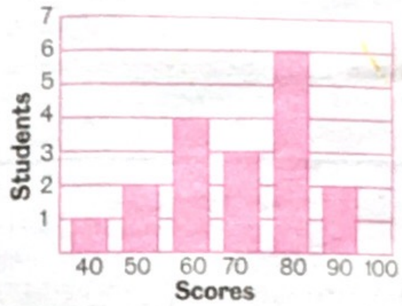
28. Cypriano went to the market and bought the following items.
   - 2½ kg of meat at Shs10,000 per kg
   - ¼ kg of rice at Shs3,600 per kg
   - 3 litres of cooking oil at 3,000 per litre
   - 500gm of salt at Shs1,200 per kg.

   Find the Cypriano's total expenditure.

29a) Using a ruler and a pair of compasses, construct a triangle ABC in which AB = AC = 6cm and angle BAC is a right angle.

b) Measure line BC in centimetres.

30. Use the bar graphs below to answer the following questions.



a) How many student scored 80?

b) Find the mean mark of the students who scored above 50 marks.

31. The area of a rectangle is 72cm², in which the width is twice its length. Find the dimensions of the rectangle.

32. Sherwin bought a dress at Shs25,000 but she sold it at Shs30,000. Find:

a) Profit made by Sherwin.

b) Percentage profit made on the sale of the dress.

Mathematics answers for Issue 12

SECTION A (40 Marks)

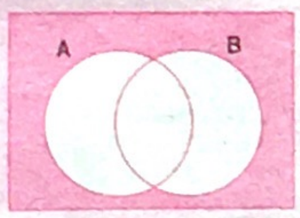
1. 3 tens + 6 ones
   =3x10 + 6x1
   =30 + 6
   =36

2. 10001
   = One hundred thousand one

3. $^{-}8 - {}^{-}5$
   $= {}^{-}8 - (-5)$
   $= {}^{-}8 + 5$
   $= {}^{-}3$

4. 2⅓ + ⅔
   7/3 + 2/3
   7/3 x 2/3
   7/2
   3½

5.



6. 32, 16, 8, 4, 2, 1, ½, ¼
   32 ÷ 2 = 16
   8 ÷ 2 = 4
   4 ÷ 2 = 2
   2 ÷ 2 = 1
   1 ÷ 2 = ½
   ½ ÷ 2 = ¼
   ½ x ¼ = ⅛

7. XLIV = XL 1V
   = 40 + 4
   = 44

8. $180^0 - 120^0$
   $= 060^0$

9. (87 ÷ 6) – (15 ÷ 6)
   (87 – 15) ÷ 6
   72 ÷ 6
   12

10. 3 – 4 = ----finite 5
    5+3 – 4 =----finite 5
    8 – 4 = 4 finite 5
    3 – 4 = 4 finite 5

11. 7 : 30 am
    +2 : 30 hrs.
    10 : 00 am

12. a= 7
    $a^2 + a^0$
    $7^2 + 1$
    7x7+ 1
    49 + 1
    50

13. 400/1600 x 100%
    4/16 x 100%
    400%/16
    25%

14. 101_{two}
    $= (1x2^2)+(0x2^1)+(1x2^0)$
    = 1x2x2 + 0x2 + 1x1
    = 4 + 0 + 1
    $= 5_{ten}$

15. 0.00853 = 8.53×10^{-3}

16. Sample space
    {1,2,3,4,5,6}
    Expected outcome
    {3,6}
    Prob.= 2/6

17. Let the ext. angle be k
    $k + 135^0 = 180^0$
    $k+135^0-135^0=180^0-135^0$
    $k = 45^0$
    Exterior angle = 45^0
    No of sides = 360^0/Ext<
    = $360^0/45^0$
    = 8sides
    The polygon is an octagon

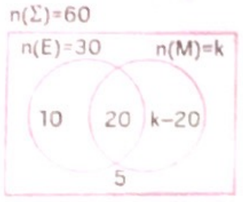
18. =(1 – k) – (k – 1)
    =1 – k – k + 1
    = 1 + 1 – k – k
    = 2 – 2k

19. Let the second no be n
    nx9 = 18 x 3
    9n/9 = 54/9
    n = 6
    The second number is 6

20 Total age of 2boys
   12 x 2 = 24
   If 1 boy is 15yrs
   2nd boys is
   24yrs –15 years = 9years

SECTION B: 60MARKS

21. n(Σ)=60



(b) Value of k
$k - 20 + 10 + 20 + 5 = 60$
$k + 10 + 20 + 5 - 20 = 60$
$k + 35 - 20 = 60$
$k + 15 = 60$
$k + 15 - 15 = 60 - 15$
$k = 45$

(c) No of pupils who like only one subject
n(E) only + n(M) only.
10 + k – 20
10 + 45 – 20
10 + 25
35

22. Let the ext.< be y
    The interior angle be $(y+60^0)$
    $y + y + 60^0 = 180^0$
    $2y + 60^0 = 180^0$
    $2y + 60^0 - 60^0 = 180^0 - 60^0$
    $2y/2 = 120^0/2$
    $y = 60^0$
    The exterior angle = 60^0

(b) No of sides
    $n = 360^0$/Ext <
    $n = 360^0/60^0$
    n = 6sides

    $(n - 2)x180^0$
    $(6 - 2)x180^0$
    4×180^0
    720^0

23. 1st Drive
    Distance = S X T
    =90km/hr.x3½hrs.
    =315km
    Rested for 30min

    Return journey
    Distance = 315km
    Time = 2hrs

    Av. Speed =
    315km+315km / 3½hrs+½hrs+2hrs
    630km / 6hrs
    105km/hr

24a) 0.72
     + 1.17
     1.89

     1.2
     -0.3
     0.9

     1.89÷ 0.9
     189 ÷ 9
     100 10
     189/100 x 10/9
     21/10
     2.1

(b) 1/2 – 3/5 + 3/4
    2/3 + 1/2 – 3/4
    (8 + 6 – 9)/12
    (14 – 9)/12
    5/12

25a) 4(x–3)–2(x–1)= 12
     4x – 12 – 2x + 2 =12
     4x – 2x + 2 – 12 = 12
     2x – 10 =12
     2x – 10 + 10 = 12+ 10
     2x/2 = 22/2
     x = 11

(b) 7x + 3y – 2x – y
    =7x – 2x + 3y – y
    = 5x + 2y.

26. Meat
    Shs10000x3
    Shs30,000.
    Rice
    Shs4000 x 2½
    Shs10,000.
    Salt
    500/1000 x Shs3000
    500 x Shs3
    Shs1500.

    Banana
    Shs20,000.

    Total exp.
    Shs30,000
    Shs10,000
    Shs20,000
    +Shs1,500
    Shs61,500

    Amount he had
    Shs61,500
    +Shs5,000
    Shs66,500

27a) Total mass of 3 people
     48kg x 3 = 144kg
     Total mass of 2 people
     42kg x 2 = 84kg.
     Opio's mass
     144kg – 84kg
     = 60kg

(b) Total mass of 3people
    (After Opio was replaced)
    62kg x 3 =186kg
    Mass of the teacher
    186kg – 84kg
    = 102kg

28. Let Jeremiah's age be k
    Jemimah's age will be 2k
    In 5years' time
    Jeremiah's age will be k + 5
    Jemima's age will be 2k + 5
    Difference btn their ages =20
    (2k + 5) – (k + 5) =20
    2k + 5 – k – 5 = 20
    2k – k + 5 – 5 = 20
    k = 20years
    Jemimah's age = 2k
    = 2 x 20yrs
    = 40yrs

29 Side = Side
   3k – 10 = k + 2
   3k – 10 +10 =k+2 +10
   3k =k+12
   3K – k =k – k +12
   2k/2 = 12/2
   k =6

   Each side is (k + 2)cm
   (6 + 2)cm
   8cm

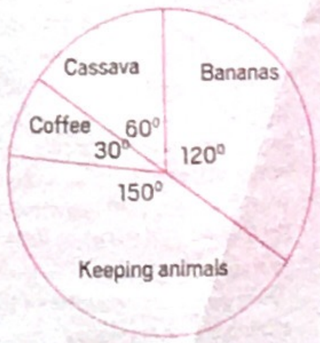
(a) Area = side x side
    = 8cm x 8cm
    = 64cm²

(b) Perimeter = 4xside
    = 4x8cm
    = 32cm.

30. 1cm rep15000cm
    6.4cm rep 6.4x15000cm
    6.4cm rep 96000cm
    100,000cm = 1km
    96,000cm = 96000km/100,000
    96,000cm = 96km/100
    96,000cm = 0.96km
    The actual distance on the ground is 0.96km

31. Fraction added
    5/6 – 2/3
    5 – 4 / 6
    1/6
    1 part = 600litres
    6 parts = 6x600litres
    6 parts =3600litres
    When it is ¾ full.
    3/4 x 3600litres.
    10800/4 litres
    2700litres

32a) 5 + 10 + 20 + 25=60hectare
     Growing coffee
     5/60 x 360^0 =30^0
     Growing cassava
     10/60 x 360^0=60^0
     Growing bananas
     20/60 x360^0 =120^0
     Keeping animals
     25/60 x 360^0 =150^0



Science

Vincent Etori
Victory Border Point Nur& P/S, Malaba

SECTION A (40 Marks)

1. Name any one form of energy produced by the sun.

2. What is photosynthesis

3. State the main cause of a short circuit

4. Apart from treating water using chlorine, name one other method of making water safe for drinking

5. State the property of matter caused by heat gain

6. Identify the structure in an earthworm that helps it to breathe

The diagram below show ahead of a snake, use it to answer question 7 and 8

7. To which group of cold blooded vertebrates does a snake belong

8. State the importance of part marked with letter S to the above animal

9. Give one group of social insect in the environment

10. A stone has mass of 40gms and volume of 8(c). find the density of a stone

11. Identify the body sense used to detect coldness in the environment

12. Name any one example of a simple leaf

13. Give a reason why fire extinguishers are painted with bright colours

14. What is a solute?

15. Give one reason why farmers keep farm records

16. State the use of gills to a tad pole

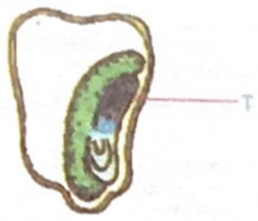
17. Identify the type of weather that helps in winnowing

18. State the importance of capillarity to plants

19. Name the vein that transport oxygenated blood in the body

20. Write the state of matter that transfers heat through conduction

Use the diagram below to answer question 21 and 22



21. State the function of part marked T

22. Why is the above seed grouped under monocotyledonous seeds.

23. What energy changes take place when firewood burns?

24. Give the main reason for keeping layer birds

25. In the space provided below draw a component of blood affected by malaria germs

26. Name any one example of involuntary muscles

27. State any one role of UNEPI

28. Mention any one chemical method of controlling pests in the crops

29. What is the importance of a blackening inside a solar drier?

30. How is a single fixed pulley used in school?

31. State any one cause of ear defects

The diagram below is of a lever, use it to answer question 32 and 33

32. Name the part of the level marked with letter W.

33. State the difference between the load and the load arm

34. Identify the force that enables a fruit to fall from a tree

35. Give one way sea mammals benefit from echoes

36. How are dry cells useful in a simple circuit

37. State any one activity done during land preparation

38. Which type of fertilization takes place in birds

39. State the importance of mucus in the nose during breathing

Below is the list of animals. Use it to answer question 40.

Goat	Tiger
Zebra	Elephant

40. How is a goat different from other animals in the list.

SECTION B (60 Marks)

41. (a) Mention any two components of soil.

(b) State any two importance of soil to people

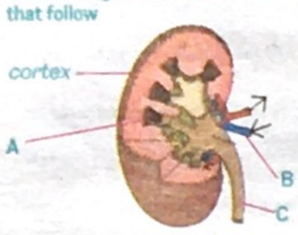
42. (a) Why is an octopus regarded as invertebrate

(b) To which group of invertebrates do octopus and snails belong

(c) Name the disease spread by a fresh water snail spread to people

(d) State any one way people can prevent the disease you have named in (c) above

Use the diagram below to answer the questions that follow



43. (a) name the part marked A and B

(b) Mention the substance carried by the part marked with letter C

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

44. (a) name the form of energy used for:-

i. Iron clothes

ii. Marking starch in plants

(b) Identify the type of energy possessed by

i) A ball rolling

ii) A book on the table

45. (a) Give the function of each of the following male reproductive parts

i) Testis ii) Epididymis

(b) How is the fallopian tube in the female reproductive system similar to an ovary in a flower

(c) State any one way of caring for the reproductive organs

The diagram below is of a human foot, use it to answer questions that follow

46. (a) To which group of levers does the human foot belong

(b) Use letter L to show the position of the load on the diagram above

(c) Name any two other simple machine that belongs to the group of levers named in (a) above

47. (a) state the role of zymase enzyme found in yeast during fermentation

(b) Give a reason why alcohol collected by distillation is very concentrated

(c) State any two reasons why people drink alcohol

48. (a) state any one quality of a good litter

(b) Apart from deep litter system, name one other system of keeping poultry.

(c) Give two importance of old litter collected from a deep litter house

49. (a) how do the following animals protect themselves against enemies

(i) Dogs (ii) Millipedes

(b) Give the young one of the following animals

(i) Fish (ii) Elephant

50. (a) state any one importance of good feeding in pig keeping

(b) Give the difference between lambing and shearing in sheep management

(c) Mention any two advantages of keeping exotic breeds of sheep

51. Match correctly the parts of the ear with their functions

A	B
Pinna	convers sound vibrations into nerve impulses
Eustachian tube	Amplify sound vibrations
Ossicles	Collets sound waves from the surrounding
Cochlea	equalizes pressure between the middle ear and the outer ear

52. (a) what is water pollution

(b) Name any one water pollutant

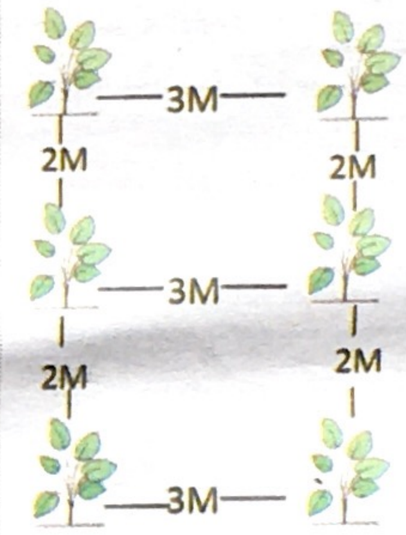
(c) Give any two effects of water pollution

53. (a) What is first aid?

(b) Mention one step taken when giving first aid to a casualty

(c) State any two importance of giving first aid

The diagram below shows a method of planting crop in the garden, use it to answer the questions that follow.



54. (a) Identify the method of planting crops shown in the diagram above

(b) State any two advantages of using the method of planting crops above

(c) Identify any one suitable garden tool for spacing crops as shown in the diagram above

55. (a) What is air

(b) Name the components of air that is transported in the red blood cells

(c) Mention any two diseases spread through air to people

Answers to Issue 12

SECTION A

1. Trowel

2. Penicillium is used to make antibiotics// mushrooms are a source of food// herbal medicine// yeast provides vitamin B1

3. To provide potassium// neutralize acidity of manure

4. Both undergo internal fertilization// have a back bone // endo skeleton

5. To allow oxygen and moisture into the seed

6. Gas // gaseous state

7. W transfers heat by conduction while X by convection

8. To kill internal parasites

9. Hydro static

10. Oxygen

11. To prevent partial deafness

12. Blood distributes heat around the body

13. plants provide oxygen// carbohydrates

14. By washing hands after visiting the latrine//smoking latrines// proper disposal of faeces

15. To prevent soil exhaustion

16. New castle disease

17. Barometer// mercury barometer

18. To measure air pressure

19. It prevents diarrhoeal diseases// prevents germs from entering the digestive system

20. They have big udder// triangular shape// produces a lot of milk

21. It can lead to poor deformation of bones// chest pain//poor growth of bones

22. It prevents direct body contact of sexual fluids// organ// condo, holds infected semen

23. It leads to absenteeism// late coming// lack of concentration//impaired reasoning

24. Hook worms

25. Chemical energy

26. To provide electricity

27. Used in drips// to clean wounds// mix powdered drugs

28. Hinge joint

29. To prevent the buck from killing litter

30. Lightning fixes nitrogen// nitrates into the soil

31. Dropy wings// blood stained droppings// rough feathers

32. Through bites// sucking blood

33. Conduction// convection

34. Have long, thin legs// widely spread toes// have partly webbed feet

35. Anther head

36. To produce and store male gametes//pollen grains

37. Choking

38. To prevent over straining and breaking nostril blood vessels

39. To speed up decomposition //rotting

40. Galvanization

41. (a) Solar//photovoltaic cells

(b) Helps in rain formation// plants make food// to dry harvested crops

(c) Helps the body make vitamin D

42. (a) White blood cells// platelets

(b) Heart//lungs

43. (a) They have hard seed coat (testa)

(b) They are light and small// have feathery// hairy structures

(c) It has hooks to stick on animal body

44. (a) Air exerts pressure

(b) To prevent water from pouring // air from entering the glass

(c) used in drinking soda using a straw// injecting liquid medicine//inflating tyres// balloons//balls

45. (a) Gravitational force acting on an object

(b) Amount of space occupied by an object

(c) Quantity of matter in an object

(d) Mass per unit volume

46. (a) (i) Direct Current (DC)

(ii) Alternating Current (AC)

(b) Used in electric tooth brush//ironing//laundry washing machines

47. (a) Used in rain formation// house ventilation//enables vent pipe let out bad smell// chimney let out smoke// used in sea and land breeze// boiling water

(b) Heat is a form of energy that increases temperature while temperature is the hotness or coldness of an object.

(c) Calories

48. (a) Container B

(b) Due to the presence of all the conditions of germination

(c) To prevent air// oxygen from entering the container

(d) They would not germinate

49. (a) Natural immunity// natural acquires immunity

(b) Breast milk provide antibodies

(a) Dead// killed vaccines// attenuated living vaccines// toxoids

50. (a) Friesians have higher milk yield.

(b) Local cattle are more resistant to diseases// can with stand diseases// can with stand harsh weather / can survive on little pasture and water.

(c) Used to store milk from mammary glands.

51. (a) Transpiration

(b) To trap water vapour

(c) Humidity // wind// Temperature// light intensity//surface area of the leaf

53. (a) To prevent fading// staining of clothes

(b) To remove mucus

(c) Degree of dirt// colour// texture// nature of material

53. (a) They aerate the soil

(b) Amphibians

(c) To keep them moist

(ii) To increase chances of fertilization// survival

54. (a) Copper

(b) Acts as an electrolyte// conducts electricity

(c) Polarization// local action

55. (a) Goitre

(b) Swollen neck// thyroid gland// difficulty in breathing

(c) Iodized salt// fish//dairy produces// shrimp

CONTINUES FROM PAGE I

h) Adingili had diarrhoea, so she couldn't enjoy the Christmas Day.
i) The family set off from Sabula Beach at 4:15p.m.
j) Armed robbers tried to stop the car in which the family was travelling.
52. a) The poem is about carpentry.
b) The furniture talked about in the poem is durable.
c) Mr. Carpenter has been thanked for his skills.
d) If there were no carpenters in the world, there would be no furniture.
f) Schools use the furniture they buy as seats for learners.
g) Wood is used for making furniture according to the poem.
h) smoothing and planning skills
i) buy
j) living
53. a) The advertisement is about a job opportunity at Sweetena Bakery.
b) The post of baker is being advertised.
c) The closing date for receiving applications is 23rd July, 2024.
d) The interested applicants should be between 25 and 35 years old.
e) I think Muzuri from Tanzania will not get the job because only Ugandans are needed.
f) The selected candidate is expected to talk to customers politely.
g) A certificate in modern baking is needed for the job.
h) The application must be given to the Branch Manager of Sweetena Bakery.
i) baking / kneading dough / mixing ingredients
j) I think applicants should be interviewed to find out if they are fit for the job.
54. Correct order; c, g, j, d, i, e, a, h, f, b
55. Magambala Junior School
PO Box 12
Alebtong
12th June 2024
The Games Teacher
Kite Primary School
PO Box 55
Mutukula
Dear Sir/Madam.
Re: REQUEST TO HAVE A FRIENDLY VOLLEYBALL MATCH
I am writing to request to have a friendly volley ball match with your school.
I request you to prepare two teams because we expect girls and boys to play separately.
Please get a teacher to serve as the umpire of the match.
I promise that my team will accept any programme suggested for the match.
I am waiting for your reply.
Yours faithfully,
Kiconco Jedidiah
KICONCO JEDIDAH
PUPIL

Excel in PLE

Social Studies

Paul Jungu
Kampala Standard Primary School

SECTION A (40 Marks)

1. Give any one reason why symbols are put on a map.

2. Why does Kalangala district receive convectional rainfall?

3. How is the school important o the neighborhood?

4. What discovery marked the end of the stone age period?

5. How does rural electrification preserve the environment?

6. Give the major reason why the Nilotes started mixed farming when settled in East Africa?

7. Write down any one way how man has benefited from land as a resource

8. Which type of climate is described as hot and dry?

9. In which way was Semei Kakungulu useful to the British in Uganda

10. Why is it important for Uganda to pay tax?

11. Give one reason why budgeting is important in a school

12. State the importance of informal education

13. Why do most rivers in East Africa flow towards the Indian ocean?

14. State one reason why elections and democracy should be respected.

15. Give one common child abuse practice in Uganda

16. Why is a farmer in Gezira able to grow cotton throughout the year.

17. Name one component of culture

18. How do the highlands hinder economic development of an area?

19. Give any one use of a class time table in a school

20. Identify any one reason why there are few industries in Ibanda district

21. What is the work of CAO in a district

22. Mention any one method which Europeans used to extend their rule in East Africa.

23. Give one factor that influences human settlement

24. State one cause of famine in Uganda today

25. How does Kenya still benefit from the Portuguese settlemet at Mombasa.

26. Write down one economic importance of hot springs to Uganda

Study the table below to answer questions 27,28 and 29

	J	F	M	A	M	J	J	A	S	O	N	D
Temp (°C)	24	26	25	27	26	23	24	23	26	27	28	26
Rain fall (mm)	200	260	287	290	200	180	170	150	190	210	230	250

27. What was the wettest month of the year?

28. Suggest the most suitable economic activity carried out in this area

29. Find the temperature range

30. How did the Berlin conference affect Africa state?

31. Name the pan Africanist who encouraged Africans to do business in order to fight for independence.

32. Give one reason why the government of Uganda is discouraging people from settling in forest reserves.

33. Briefly explain the meaning of a 'Lagoon'

34. Which European explorer circumnavigated lake Victoria?

35. Give one reason why most people in East Africa carry subsistence farming.

Numbers 30-40, answer Either Christianity or Islamic question but not Both.

36. Either: What was God's purpose of creating man?

Or: What was Allah's purpose of creating Adam?

37. Either: Why is lent period important to Christian?

Or: Why is the month of Ramadhan important to muslims?

38. Either: Give one way Jesus showed power over death.

Or: Why do muslims wash the dead body before it is buried?

39. Either: Name the religion that existed in Africa before the coming of Christian Missionaries.

Or: Name the religion that existed in Africa before the introduction of Islam.

40. Either. How can Christians overcome temptations today?

Or: In which way did Ibrahim demonstrate his faith to Allah

SECTION B (60 MARKS)

41. a) How is Tanzania railway important to the economy of Zambia?

b) Give any two methods used to mine copper in Zambia

c) State any one problem facing the mining industry in Zambia.

42. a) Mention any two advantages of road transport.

b) Why is it that only few people use air transport in Uganda?

c) How has Ethiopia solved the transport problem in Mountainous areas?

43. a) Which is the highest mountain in Africa?

b) Name one example of fold mountain in Africa.

c) State one value of mountains to the people of Africa

d) How do mountains affect people's lives

44. a) Define the term "National Budget"

b) Name the two parts of the budget

c) Hoe is National budget important to the government?

45. a) State one danger of mob justice in society

b) Why does the police arrest law breakers

c) Why are people in society always encourage to reconcile with each other?

d) Write INTERPOL in full

46. a) Which body was replaced by the African Union?

b) Where are the headquarters of the African Union?

c) How has the African Union tried to end civil wars and conflicts in some African Countries?

d) Which country has recently joined African Union (2017)?

47. a) Name one district in the North east Uganda which receives very little rainfall in a year.

b) What is the main occupation of the people who live in this district?

c) Which two problems are faced by the people above while doing that occupation?

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

a) Name the country marked A

b) Give one cause of low population in the area marked B

c) State one economic activity that is carried out in the lake marked D

d) Give one similarity in the formation of lake C and D

49. a) Write NEMA in full

b) Why was NEMA set up in Uganda?

c) Give two ways in which NEMA has helped Uganda.

50. Write short notes on the following

a) Culture b) Custom

c) Taboo d) Totem

For each of the questions 51-55, answer the Christianity or Islamic question but not both No marks will be awarded to a candidate who attempts both alternatives

51. Either a) What is a parable

b) Give one reason why Jesus used parables in his teaching

c) Mention any two lessons we learn from the parable of the prodigal son

Or a) State any two things a Muslim should fulfill before beginning prayer

b) Give two situations in which a Muslim is forbidden to offer prayers

52. Either 1. What important event do Christian remember on each of the days below:-

I. Good Friday II. Ascension day

2. How were each of the following persons related to Jesus Christ

I. John the Baptist II. Virgin Mary

Or a) What does each of the following persons do in Islam?

I. Mauzin II. Imam

b) List down any two qualities of a good Imam

53. Either a) What is the second most important commandment according to Jesus Christ?

b) Write any two qualities of a good friend

c) State any one reason why Christians should have friends

Or a) What is the first Shahadah?

b) Write any two qualities of a good friend

c) State any one reason why a Muslim should have a friend

54. Either a) Who is your neighbor according to the bible?

b) What should Christians do for their sins to be forgiven

c) How did Jesus Christ show his followers that there is life after death?

d) Why did the woman who touched Jesus' cloak get cured of her sever bleeding?

Or a) Why do Muslims perform ablution?

b) State the meaning of the following Islamic terms

I. Jihad II. Hejira

c) In which way is Hijja important to a Muslim

55. For Both

a) Identify any two talents that God/ Allah gives to people

b) Give two reasons why people should use their talents well.

SST answers for Issue 12

SECTION A

1. Southwest.
2. Good roads promote easy movement of traders to market areas.//-Good roads promote easy movement of goods to market areas.
3. Civil wars.
4. It is international Labour Day.
5. Through intermarriage between the Luo, Lendu and Okebu.
6. Land breeze.
7. Equatorial rainforests don't shed their leaves.
8. By-laws are used to settle disputes.// -By -laws promote law and order.// -By -laws promote peace and security.
9. Low salaries.//-Corruption.//-Accidents. -Bad weather.//-Diseases.
10. To know the number of dependants. -To know the life expectancy.
11. People will get employment opportunities. -People will get improved seeds. -People will get agricultural advice.
12. Legitimate trade.
13. Atlas Mountains were formed by folding while Drakensberg mountains were formed by volcanicity.
14. Hospital a head.
15. Child abuse can lead to death.//-School dropout.//-Child abuse can cause injuries. -Child abuse can lead street children.
16. Uganda Tourism Board/UTB.
17. They formed kingdoms.//-Through chiefdoms.//-Through principalities.
18. Westerly winds bring rainfall.
19. To promote law and order.//-To promote peace and security.//-To promote morals.//-To guide people.//-To settle disputes among people.
20. To link Uganda to East Africa.//-To ease transportation of goods.//-To stop slave trade. -To ease movement of colonial administrators.
21. Fish poisoning leads to extinction of fish.
22. Greenwich Mean Time.
23. PD= total no of people.

$$PD = \frac{\text{Area km}^2}{800000} = \frac{800000}{400}$$

PD = 2000 People/km².

24. The 1967 constitution abolished all cultural institutions in Uganda.
25. Most stone age sites are located near water bodies.
26. Ambulance.
27. Escarpments make construction of roads difficult.
28. Bagamoyo was safer.//-Bagamoyo had well developed routes.
29. It is a source of income.//-It is a source of food.//-It is a source of hides and skins. -It is a source of jobs to people.
30. Through elections.
31. People were poor.//-Taxes were high. -Tax collectors were harsh.
32. The Khoisan.
33. Presence of fertile volcanic soils. -Presence of reliable rainfall.
34. A radio helps a farmer to know the weather forecasts.//-A radio helps a farmer listens to programs on better methods of farming on a radio. -A radio is used to advertise farmers produce.
35. South Africa/Namibia/Mozambique/Botswana/Madagascar.
36. Either: Exodus means the journey of Israelites from Egypt to the promised land.
Or: Isra is the journey of prophet Muhammad from Mecca to Jerusalem.
37. Either: Stephen. Or: Sumayiyah.
38. Either: To earn a living.//-To provide for their families.//-To get basic needs.
Or: To earn a living.
39. Either: Aaron. Or: Haruuna.
40. Either: An apostle is one of the twelve chosen disciples while a disciple is a follower of Jesus.
Or: Nabbi was just a prophet while Rasul are messengers who received holy books.

SECTION B

41. a) Deficit budget.
b) The expenditure is more than income.
c) It leads to debts.//-It limits development.
d) Executive.
42. a) Savanna vegetation.
b) Sheep rearing.//-Dairy farming.//-Crop growing.//-Ranching.//-Tourism.//-Lumbering.
c) Afforestation.//-Agro-forestry.//-Re-afforestation.
43. a) Paul Mukasa.
-b) i) L-Major lakes and rivers in Uganda.
ii) M-Uganda's abundant wild life.
c) Uganda national currency.//-Uganda constitution.//-Uganda passport.
44. a) Natural resources are components of the environment that exist own their own that man uses to satisfy his needs.
b) By enforcing strict laws against deforestation. -Through proper disposal of wastes. -By using proper methods of farming. -By educating people about proper methods of farming.
c) Extinction of fish.//-Soil erosion.//-Drought. -Floods.
45. a) Banks provide loans to people to start-up businesses.//-Banks provide jobs to people. -Banks give interest to people's money. -Banks give financial advice to people.
c) To print new currency.//-To control amount of money in circulation.//-To lend money to other banks.//-To give licence to new banks. -To keep government's money.
46. a) Dry season.
b) There is enough sunshine for sun drying harvested crops
c) Sun drying harvested crops.//-Clearing land. -Sorting seeds.
47. a) A rift valley.
b) Through faulting.
c) Tensional forces.
d) High temperature.//-Soil erosion. -Disease vectors.
48.

a) Returning officer	in charge of overseeing elections in the district.
b) Police constable	maintains security in a polling station.
c) Presiding officer	in charge of elections in a polling station.
d) Polling assistant	assists a a presiding officer to conduct elections at a polling station.

49. a) The secretariat.
b) Shortage of funds.//-Insecurity. -Lack of a common language.//-Production of similar goods.//-Political differences.
c) The EAC promotes peace and security. -The EAC creates a wider market for goods. -The EAC promotes unity among member states.
50. a) Country p had strong leaders.//-Country p was mountainous which made movement of Italian troops difficult.//-Country P had a strong army.
b) Germany.
c) Country T was a mandate territory. -The people in country T were united.
d) Direct rule.
51. Either: a) Twelve disciples.
b) i - Judas Iscariot. ii -Thomas.
c) They gave Jesus company.//-They organized crowds.//They prepared the last supper.
Or: A convert.
b) Lady Sumayiyah.//-Ali.//-Abubaker. -Zaid.
52. Either: a) Baptism.
b) The above sacrament washes away the original sin. //-The above sacrament initiates one into God's family.
c) i)-Body of Jesus. ii)-Blood of Jesus.
Or: a) Wudhu is ablution.
b) Mouth.//-Nose.//-Ears.//-Feet.
c) Circumcising boys makes them clean.
53. Either: a) By praying.//-By fasting. -By reading scriptures.
b) Love/kindness/obedience/faithfulness/forgiveness.
Or: a) By praying.//-By reading the Holy Qu' ran. -By fasting.
b) Honesty/kindness/faithfulness/obedience.
54. Either: a) Jesus forgave sinners.//-Jesus loved all people.//-Jesus solved conflicts peacefully.//-Jesus was prayerful.
b) To guide the disciples.//-To protect them.
Or: a) Caliphs were the successors of prophet Muhammad.
b) i) Abubakar ii-Ali. iii-Uthman.
55. Either:

a) Ararat	- where Noah's ark rested after the floods.
b) Sinai	- where God gave Moses the ten commandments.
c) Olives	- where Jesus ascended to heaven.
d) Moriah	- where Abraham took Isaac to be sacrificed.

Or

a) Hira	- where Allah revealed the Quran to Muhammad.
b) Medina	- where prophet Muhammad was buried.
c) Judi	- where Nuhu's ark rested after the floods.
d) Arafat	- where Adam and Hawa rested after the floods.