

MAYUGE DISTRICT EXAMINATIONS BOARD
PRIMARY LEAVING MOCK ASSESSMENT, 2024
INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Random No.	Personal No.

Candidate's Name:

Candidate's Signature:

District ID No:

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Read the following instructions carefully:

1. Do not write your school or district name anywhere on this paper.
2. This paper has two sections: A and B. Section A has 40 questions and Section B has 15 questions. The paper has 8 printed pages altogether.
3. Answer all questions. All answers to both Sections A and B must be written in the spaces provided.
4. All answers must be written using a blue or black ball point pen or ink. Any work written in pencil other than graphs and diagrams will not be marked.
5. Unnecessary changes in your work and handwriting that cannot easily be read may lead to loss of marks.
6. Do not fill anything in the table indicated: "For Examiners' Use Only" and boxes inside the question paper.

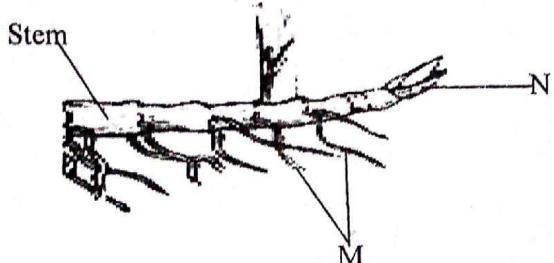
FOR EXAMINERS' USE ONLY		
Qn. No.	Marks	EXR'S NO.
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

SECTION A : 40 MARKS

Questions 1 to 40 carry one mark each.

1. Give one way the human body uses oxygen to function.
.....
2. Why do germs breed from rotting matter?
.....
3. How does soil erosion cause soil infertility?
.....
4. Why is a rain gauge put in an open space when measuring rainfall?
.....

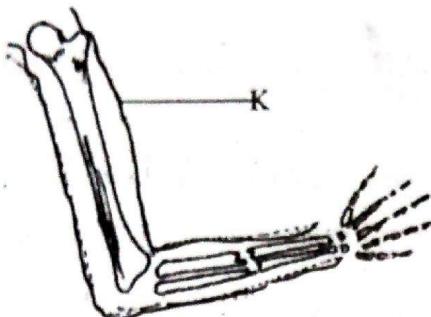
The diagram below shows a type of stem. Study and use it to answer questions 5 and 6.



5. Which type of underground stems is shown in the diagram above?
.....
6. What is the function of part marked N to the above plant?
.....
7. Give any one way how a balanced diet controls common sickness in homes.
.....
8. Why do poultry farmers carry out crossbreeding among their birds?
.....
9. How do human beings produce sound?
.....
10. Give any one way a Stevenson screen keeps delicate instruments safe.
.....
11. Why is it possible to separate salt from water by evaporation?
.....
12. State the reason why AIDS is said to be more dangerous than diarrhoea among humans.
.....
13. How do alloys conserve mineral resources in the environment?
.....
14. Give any one cause of swarming in bees.
.....
15. State the first aid you would give to a victim with a food particle in the trachea.
.....

16. Write down any one health information collected during a healthy survey.

The diagram below shows a human arm. Study and use it to answer questions 17 and 18.



17. What happens to the muscles marked K when the human arm is bent?

18. How do muscles help the human body to move?

19. Write down any one factor considered before starting a wood lot project at home.

20. State the importance of grinding cassava before storage.

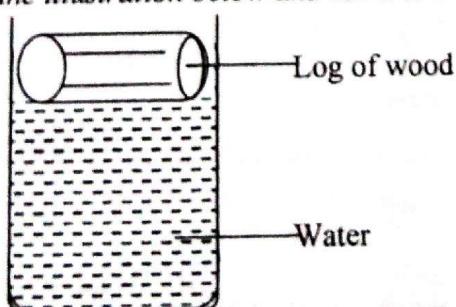
21. Give any one health problem caused by eating contaminated food.

22. How do millipedes protect themselves against enemies?

23. What causes the swelling of the tubers of Irish potatoes?

24. Which immunisable disease makes muscles stiff in the human body?

Study the illustration below and use it to answer questions 25 and 26.



25. Why does the log of wood behave as shown in the diagram above?

26. Which force reduces the weight of the log of wood when put in water?

27. How do moving animals help in the formation of soil?

28. Which component of blood carries dissolved food materials and mineral salts around the body?

.....
29. Name any one health care service which reduces infant mortality rate.

.....
30. Why do we classify respiration as a chemical change yet it takes place in living things?



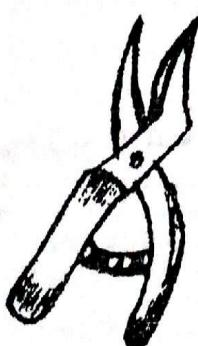
.....
31. How does addition of murram ensure safety when using a murram road?

.....
32. State the importance of the moist skin to a frog.

.....
33. Give any one way burning fuels affect the environment.

.....
34. What is the danger of taking under dose of drugs to the human body?

The diagram below is of a garden tool. *Study and use it to answer questions 35 and 36.*



.....
35. Name the garden tool shown in the diagram above.

.....
36. State the use of the above garden tool to crop farmers.

.....
37. Name one fungal disease which affects the human skin.

.....
38. How do animals contribute to photosynthesis in plants?

.....
39. Write down any one natural method of vegetative propagation.

.....
40. Give any one effect of smoking to the family.

SECTION B: 60 MARKS

(Questions 41 to 55 carry four marks each.)

41. (a) Name two permanent methods of family planning.

(i).....

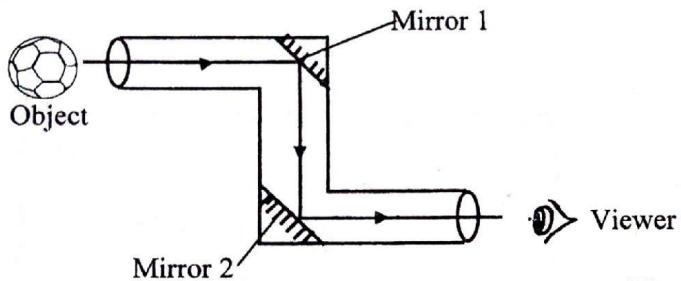
(ii).....

- (b) How do condoms prevent conception among human beings?

.....

- (c) Give any one benefit of using artificial methods of family planning.

The diagram below shows an instrument. Study and use it to answer questions that follow.



42. (a) Name the instrument shown in the diagram above.

- (b) State the principle under which the above instrument works?

- (c) Why is mirror 1 placed adjacent to mirror 2 in the diagram above?

- (d) Give any one use of the above instrument.

43. (a) Which type of soil erosion commonly occurs in flat areas?

- (b) Apart from the type mentioned above, give any two types of soil erosion.

(i).....

(ii).....

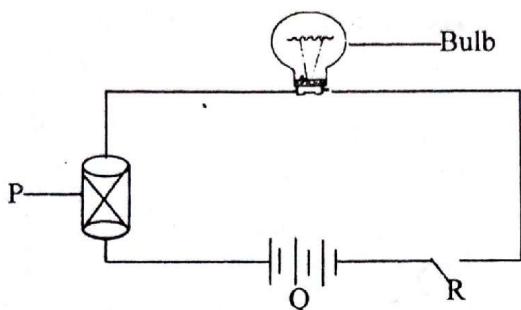
- (c) How does afforestation control soil erosion?

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

Y	Z
Diphtheria	DPT vaccine
Tetanus	Polio vaccine
Whooping cough	T.T vaccine

44. (a) How is diphtheria similar to whooping cough?
.....
- (b) Why is DPT vaccine called a triple vaccine?
.....
- (c) Give any two vaccines that can be added to list Z.
(i)
(ii)

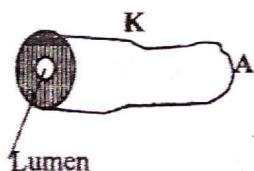
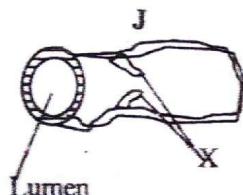
The diagram below is of an electric circuit. *Study and use it to answer questions that follow.*



45. (a) Name the parts of the circuit marked;
(i) **P**
(ii) **R**
(b) State the function of part marked **Q** in the above circuit.
.....
(c) How is part **P** similar to part **R** in terms of function?
.....
46. (a) Write down any two conditions which makes a seed fail to germinate.
(i)
(ii)
(b) Give any two ways a farmer ensures proper germination of seeds.
(i)
(ii)
47. (a) Name the first part of the small intestines.
.....
- (b) How do thin walls help the ileum to absorb food?
.....
- (c) Give any two reasons why the ileum is able to absorb food.
(i)
(ii)
48. (a) How long does a pregnant cow take to give birth?

- (b) Give any two signs of a pregnant cow.
(i).....
(ii).....
- (c) Why should a pregnant cow be fed on special foods rich in proteins?
49. (a) Give one reason why weaning babies are referred to as vulnerable.
.....
- (b) State the importance of mashing food materials used in weaning babies.
.....
- (c) Give any two food substances used in weaning babies.
(i).....
(ii).....

The diagrams below show blood vessels. Study and use it to answer questions that follow.



50. (a) Name the blood vessels marked;
(i) **J**
(ii) **K**
- (b) State any one functional difference between vessel **J** and **K**.
.....
- (c) What is the role of the structures marked **X** during blood circulation?
.....
51. (a) Name two states of matter through which heat travel by convection.
(i).....
(ii).....
- (b) Why does heat travel faster in gases than solids?
.....
- (c) Apart from convection, give any one method of heat transfer through matter.
.....
52. (a) Which organisms breaks down plant and animal matter to produce biogas?
.....
- (b) Why should the biogas digester be buried under the ground during biogas production?
.....

(c) Give any two materials used to make bio gas.

(i).....

(ii).....

53. (a) State the importance of a pouch to a kangaroo.

.....

(b) Why are primates said to be outstanding of all other mammals?

.....

(c) Give any two primates in the environment.

(i).....

(ii).....

54. (a) What is a balanced diet?

.....

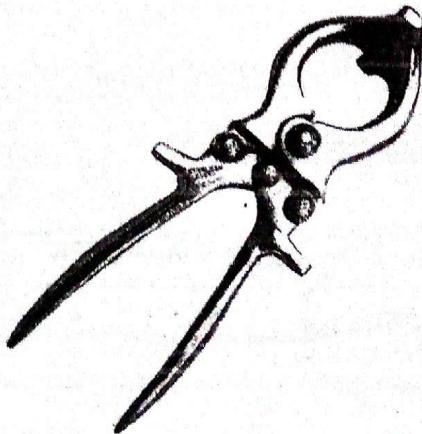
(b) Write down any two components of a balanced diet.

(i).....

(ii).....

(c) State the benefit of feeding on a balanced diet to the human body.

The diagram below shows a farm equipment. *Study and use it to answer questions that follow.*



55. (a) Name the farm equipment shown in the diagram above.

.....

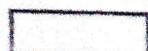
(b) How does the above equipment enable the farmer castrate his goats?

.....

(c) Give any two benefits of castration in goats.

(i).....

(ii).....



END

MAYUGE DISTRICT EXAMINATIONS BOARD
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ENGLISH

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55		

SECTION A: 50 MARKS

Sub-Section I

Questions 1 to 50 carry one mark each.

In each of the questions 1 to 5, fill in the blank space with a suitable word.

1. delicious the meal was!
2. Neither the opposers the proposers debated well.
3. What is the time your watch?
4. Steward likes chapatti better samosas.
5. Cinderella has living in Nairobi since 2005.

In each of the questions 6 to 15, use the correct form of the word given in the brackets to complete the sentence.

6. We succeeded in our compound ourselves. (tidy)
7. There are a lot of in the store. (mouse)
8. Most are very friendly people. (Somalia)
9. My uncle is skilfully trained in (carpenter)
10. Why are all in baby class crying? (child)

11. The first main speaker made a very good (salute)
12. Gerald is than her friend, Joshua. (shy)
13. dresses are normally very expensive. (lady)
14. The seamstress knitted my clothes than the tailor. (badly)
15. If Ruth had to the market, she would have bought apples. (go)

In questions 16 and 17, use the words given in the sentence to show that you know the difference in their meaning.

16. flower

.....

17. flour

.....

In questions 18 and 19, re-write the sentence giving the opposite of the underlined word.

18. Did you meet your nephews in the market?

.....

19. Some people are getting used to eating uncooked meat.

.....

In questions 20 and 21, re-arrange the following words in alphabetical order

20. protein, vitamin, nutrition, diet

.....

21. referee, coach , reference, coaches

.....

In questions 22 and 23, give the plural form of the given word.

In each of the questions 24 to 26, re-write the sentences giving one word for the underlined group of words.

24. People who repair bicycles are getting a lot of money nowadays.

25. Several young elephants entered the pen last month.

26. The orphans talked to the mourners with a lot of courage.

In questions 27 and 28, write the given abbreviations in full

27. can't

28. IOU

In questions 29 and 30, re-arrange the given words to form a correct sentence.

29. all Bring me for books those.

30. weather is fantastic What a today!

Sub-Section II

In each of the questions 31 to 50, re-write the sentences as instructed in the brackets.

31. Bob is a very skilful cobbler. He mended my shoes yesterday.

(Rewrite as one sentence using who)

32. I can speak both English and French. (Rewrite the sentence using either)

33. Who has ridden my bicycle? (Rewrite the sentence beginning: By whom.....)

34. It was necessary for Ryan to write neatly in the test.

(Rewrite the sentence using:need.....)

35. Lend me your ruler, please. (Rewrite the sentence beginning: May I.....)

36. The farmer will mulch the garden immediately he finishes weeding it.

(Rewrite the sentence beginning: By the time.....)

37. Our home is not far from the market, is it?

(Rewrite the sentence ending:....., isn't it?)

38. I cannot buy a thesaurus because I do not get money.

(Rewrite the sentence beginning: If I

39. This is my friend's geometry set. (Rewrite the sentence usingbelongs

40. The students liked matoke more than rice. (Rewrite the sentence using:prefer.....)

41. David always asks for forgiveness whenever he wrongs others.

(Rewrite the sentence using:apologise.....)

42. He is an extremely generous teacher.
(Rewrite the sentence beginning: What.....!)
43. Samson is eating the food in the kitchen.
(Re-write the sentence beginning: The food.....)
44. Tom is very hardworking. Esther is hardworking.
(Re-write the sentence as one using:not as.....)
45. Whom were you speaking to? (Rewrite the sentence beginning: To whom?)
46. Candidates should make their revision timetables.
(Re-write the sentence beginning: It is high time
47. The stone is very heavy. Fabius cannot lift it up.
(Re-write the sentence as one using:too.....to.....)
48. We don't write to our friends quite often.
(Re-write the sentence using:occasionally.....)
49. Musa has a lot of money. He can buy a smart phone.
(Re-write using:enough.....)
50. A rolling stone, (Re-write and complete the simile sensibly)

SECTION B: (50 MARKS)

Questions 51 to 55 carry ten marks each.

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

There are a number of accidents nowadays due to unsafe usage of roads. When we use the roads, safety is very important. There is always traffic, and it can be heavy, especially during rush hour or in busy towns and cities. Some places are known as black spots, where many accidents have happened in the past. Pedestrians, cyclists, and drivers must all be careful when using the roads.

The police work hard to keep us safe on the roads. They remind us to follow the Highway Code and wear helmets when pedalling or motor biking. When driving, always look right and left before turning, and never drive too fast. It's also important to wear seatbelts and ensure children are safely seated.

Accidents can happen quickly, so we must always be careful. Never cross the road without looking both ways, and always use pedestrian crossings. Drivers, slow down and be aware of pedestrians and cyclists. Always keep a safe distance and avoid distractions like using your phone while driving.

By following these simple rules, we can all stay safe on the roads. Remember, safety is everyone's responsibility. The police are there to help us, but we must also do our part. Let's make the roads safer for everyone!

Questions

- (a) What is the passage about?
- (b) Why are there a number of accidents these days?
- (c) According to the story, when can traffic be heavy?
- (d) Mention one place where traffic can be heavy.
- (e) Why do you think the police remind the road users to follow the Highway Code?
- (f) What causes distractions, according to the passage?
- (g) Why is wearing a seatbelt in a vehicle important?
- (h) Who are responsible for safety on the roads?
- (i) Give another word or a group of words with the same meaning as the underlined words used in the passage;
(i) pedalling
(ii) alert

[]

52. Study the report form below and then answer, in full sentences, the questions that follow.

OKENG PRIMARY SCHOOL P.O. BOX 11, LAJENG TEL: 0773723733/0777953819				
NAME: <u>Lugose Michael</u>		CLASS: <u>P.5</u>	TERM: <u>One</u>	YEAR: <u>2024</u>
SUBJECT	OUT OF	SCORE	TEACHER'S COMMENT	SIGNATURE
Mathematics	100	90	Very good work.	Otim Sam Bob
English	100	95	Very good, keep it up.	Sentongo Gabby
Int. Science	100	65	Good but you can do better	Kanyama Peo
SST with RE	100	90	Very good work.	Nalutaya Grace
TOTAL	400	340		

Class Position: **10th** Out of: **50** pupils. Pupil's Conduct: **Good**
Class teacher's Remarks: *You need to work harder in Integrated Science so as to balance your performance.*
Class teacher's name: - Mr. Sentongo Gabriel Signature: Sentongo Gabriel
Head teacher's remarks: *Good results, keep it up!* Signature: Adotti Keya
Next term begins on: 27th May 2024

HEADTEACHER
Date: 03/05/2024
OKENG P/S

Questions:

- (a) Whose report is shown above?

- (b) For which term is the above report card?
- (c) Which subject was done best?
- (d) Why do you think teachers should write their comments on report cards?
- (e) What did the pupil get in Mathematics?
- (f) How many pupils are in this class?
- (g) How would working harder in Integrated Science help the child?
- (h) What was the Head teacher's remarks?
- (i) When did the Head teacher sign this report?
- (j) How did the pupil conduct himself?

53. Read the poem below carefully and then answer, in full sentences, the questions that follow.

Rise up all you road users!
Be alert while on the road.
Look ahead you motorists.
For danger looms everywhere.

Bodaboda riders, a menace on roads
Pedestrians on pavements and motorists on roads
No one is safe
As they ride swiftly through the traffic jam.

Traffic police save us
Rid the city of bodaboda cyclists.
Reduce the congestion in Lambert Hospital wards
Who are victims of bodaboda accidents

Poor road users
We put you in the hands of the Lord
He will judge you fairly
But remember that your bodies have no spare parts.

Gulugulu Ben (P.6 White)

Questions:

- (a) What is the title of the poem?

- (c) How do the cyclists ride through the traffic jam?
- (d) According to the poem, which people are congested in Lambart Hospital wards?
- (e) How will God judge the poor road users?
- (f) How many stanzas has the poem above?
- (g) Who is the poet?
- (h) In which class is the writer of the poem?
- (i) Give another word to mean the same as congestion in the poem.
- (j) Suggest a suitable title for the poem.

54. Imagine you are Pamungu Mellan, you went to the library on 25th July, 2024 to borrow ORS English Comprehension Book 6. You wanted to use the book for five days for doing revision. The librarian gave you the form below to fill. Using BLOCK letters fill the given form correctly.

SURNAME:
FIRST NAME:
CLASS:
DATE OF BORROWING:
DATE OF RETURN:
BOOK TITLE:
SUBJECT:
REASON FOR BORROWING:
PUPIL'S SIGN:
ISSUED BY: MR. NIYEE DYLAN (LIBRARIAN)
SIGN:

55. The notice below was put on the P.7 class noticeboard at Truth Boarding School, PO Box 728, Ngetta. Read it carefully and respond as one of the pupils in that school.

We shall have a class trip to Murchison Falls on 20th August, 2024. Everyone is expected to use the school address and write to their parents about this. Request for 20,000/- for some snacks and photography. The school will provide transport. All payments must be done before Friday 10th August, 2024 to help in proper planning on the side of the school.