



THE E-LEARN EXAMINATIONS BOARD

MID TERM I PROGRESS CHECK

2024

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Index No.	EMIS No.					Personal No.		

Pupil's Name:

Pupil's Signature:

School Name:

District Name:

Read the following instructions carefully:

1. Do not forget to write your **school** or **district name** on the paper.
2. This paper has two sections: **A** and **B**.
Section **A** has **40** questions and section **B** has **15** questions. The paper has **14** printed pages altogether.
3. Answer **all** questions. **All** working for both sections **A** and **B** must be shown 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 will **not** be marked.
5. Unnecessary **changes** in your work and handwriting that cannot be read easily 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. Name the gas that accumulates in the atmosphere as plants try to make their own food.

.....

2. Mention any **one** non-infectious respiratory disease.

.....

3. Give **one** reason why a person who has taken poison be given plenty of cold milk to drink.

.....

4. How are gases similar to liquids as states of matter.

.....

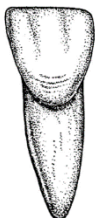
5. How is a switch important in electric circuit?

.....

6. Apart from wet salting, state any **one** other method used to preserve hides and skins.

.....

7. How is the tooth drawn below adapted to its function?



.....

8. Identify the type of weather that can lead to expansion of railway lines.

.....

9. Name any **one** disease that affects both poultry and sheep.

.....

10. How can salt be obtained from salt solution.

.....

11. Give **one** example of arachnids.



.....

12. Mention the skeletal and muscular system disease that can be controlled by basking.

.....

13. State **one** activity done by P.7 children to promote oral hygiene.

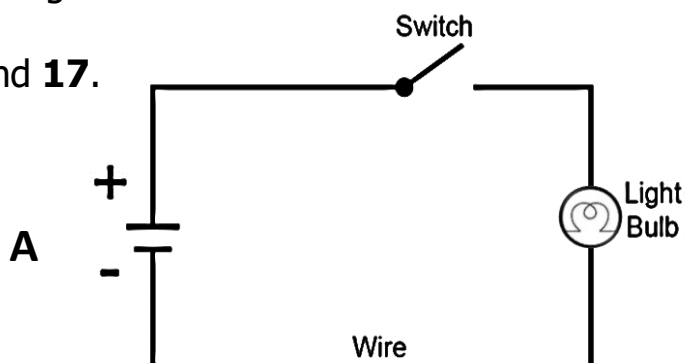
.....

14. Calculate the density of an object whose mass is 15g and volume 5cc.


.....

15. The diagram below shows an electric circuit. Use it to answer questions

16 and 17.



Turn Over

16. Name the form of energy possessed by component **A**.
.....
17. What energy changes take place at **A**.
.....
18. Give **one** way children contribute to environmental degradation.
.....
19. Besides miscarriage, give any **one** other effect of smoking to an expectant mother.
.....
20. Why are pupils encouraged to have a good body posture?
.....
21. Name the part of the spider where the legs are attached. 
.....
22. Which advice would you give for a child with indigestion?
.....
23. Give **one** factor considered before sorting clothes for cleaning.
.....
24. Why do most farmers prefer keeping local breeds to exotic breeds?
.....
25. What do we call the mixture of gases in motion?
.....

26. Mention the property of a magnet used by a meteorologist at a weather station.

.....

27. In the space below, draw a tool used for harvesting cereals like rice.



28. Give **one** activity done by farmers to reduce the rate of transpiration while planting banana suckers.

.....

29. Kerian picked a bottle of cold water from the refrigerator. After 2 minutes, he saw droplets of water on the surface of the bottle. Give a reason for that observation.

.....

30. Give **one** way people can tell the direction of wind without using weather instruments.



.....

31. What is meant by debeaking as used in poultry management.

.....

32. How do birds like ducks and geese overcome the coldness in water.

.....

Turn Over

33. State the normal body temperature in human beings.

.....

.....

34. Ssenteza drowned in water. He was given first aid immediately by Katrine.

Why is this statement scientifically wrong?

.....

35. Give **one** example of a non-biodegradable waste in the environment.

.....

36. State any **one** structural difference between a vein and an artery.

.....

37. Give any **one** example of a causative agent.

.....

38. How does freezing using ice cubes help in the preservation of fish.

.....

39. Mention the dangerous substance found in tobacco that causes addiction.

.....

40. Give a reason why Rebecca a P.6 pupil will fail to find the volume of a cassava using the formula $L \times W \times H$.

.....



SECTION B: 60 MARKS

Questions **41** to **55** carry four marks each.

41. (a) What is mulching?

.....

(b) Give **one** material used in mulching the garden.

.....

(c) How does mulching of the garden help to control soil erosion?

.....

(d) Why are farmers not advised to use wet plant materials for mulching

.....

42. (a) Write P.H.C in full.

.....

(b) Name the element of P.H.C promoted by the following:

(i) Cleaning latrines.

.....

(ii) Feeding on a balanced diet.

.....

(c) Write **one** principle of P.H.C.

.....

43. The list below shows animals. Use it to answer the questions that follow:

A	B	C	D
TILAPIA	FROG	PUFF ADDER	CROCODILE

- (a) Give **one** similarity between animals **A** and **B**
in the way they reproduce

.....

- (b) Which of the animals above moves by slithering?

.....

- (c) To which group of vertebrates does animal **D** belong?

.....

- (d) Name the common habitat for animals **A**, **B** and **D**

.....

44. (a) Which device transforms the kinetic energy of flowing water to electricity?



.....

- (b) Mention the type of electricity obtained in that way.

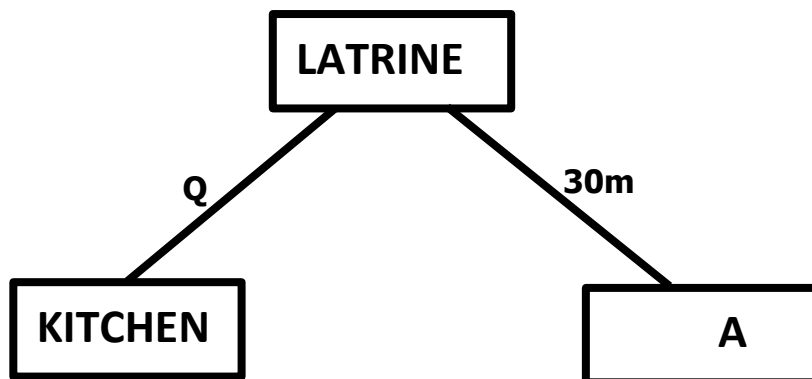
.....

- (c) How does this kind of electricity reach a customer in Gulu?

.....

- (e) State the major cause of a short circuit.

45. Construction of a latrine is one way of maintaining or improving sanitation at school. Use the diagram below to answer the questions that follow.



- (a) Name any **one** item that is constructed at point **A**.

.....

- (b) What is the recommended distance at **Q** ?

.....

- (c) Give **two** diseases that may break out due to the absence of a latrine in a school community.

(i).....

(ii)

46. (a) Name any **one** example of a modern bee hives

.....

- (b) State the role played by a queen bee in the bee hive.

.....

- (d) Give **one** enemy of bees.

.....

Turn Over

(e) What is the importance of smoke during honey harvesting?

.....

47. (a) Give the meaning of the term **Magnet**.



.....

.....

(b) Name the metal which makes the strongest magnet.

.....

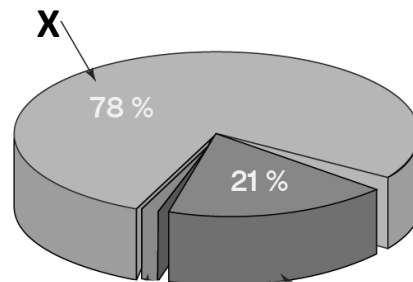
(c) Write the property of a magnet which may enable you to find direction.

.....

(d) How is a magnet useful to a doctor?

.....

48. The pie chart below shows some of the components of air in the atmosphere. Use it to answer the questions that follow.



(a) Name the gas with the composition of **21%**.

.....

(b) Why is gas marked **X** used in artificial inseminators?

.....

(c) Mention the process in plants which uses carbon dioxide.

(d) State **one** condition necessary for the process named in (c) above to take place.

.....

49. (a) What is a resource?

.....

(b) Give the reason why plants are called living renewable resources.

.....

(c) Apart from recycling, give any **one** way of conserving nonrenewable resources.

.....

(d) How does bush burning contribute to the removal of top soil?

.....

50. (a) Give the difference between **heat** and **temperature**.



.....

.....

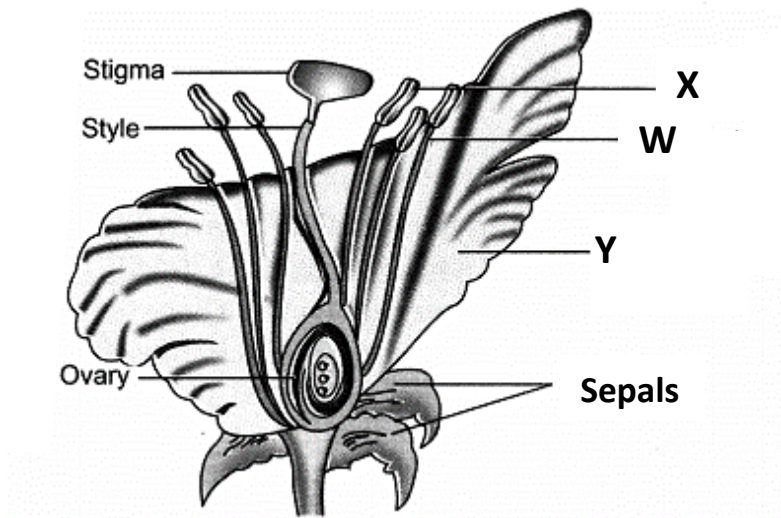
(b) Apart from Celsius scale, mention the other scale used on a thermometer.

.....

(c) Convert **0°** to **°F**.

Turn Over

51. The diagram below is a part of a plant. Use it to answer the questions that follow.



- (a) Name the parts marked

X.....

W.....

- (b) Why is part marked **Y** brightly coloured.

.....

- (c) Give a reason why self-pollination is likely to take place on a plant with such a flower.

.....

52. (a) What is a joint?

.....

- (b) State the substance in the human body that helps to reduce friction around the joints.

.....

(c) Write **two** examples of antagonistic muscles.

(i).....

(ii)

53. (a) How is sound written on a piece of paper reproduced?



.....

(b) Mention **one** way of storing sound.

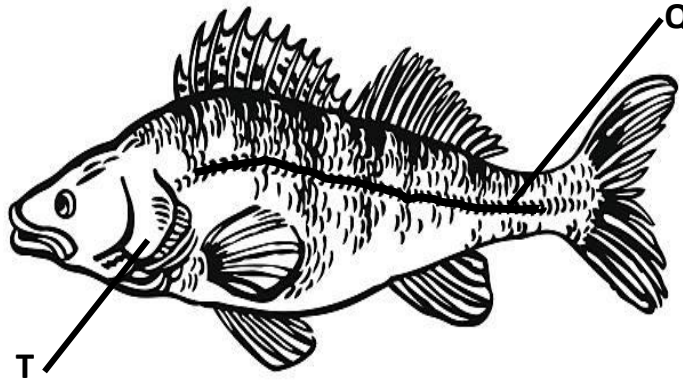
.....

(c) Name **two** devices used to reproduce sound.

(i).....

(ii)

54. The diagram below is of an aquatic animal. Use it to answer the questions that follow.



(a) Name the part labelled **Q**

.....

(b) State the function of the part marked **T**.

.....

Turn Over

(a) Name the deficiency disease controlled by feeding on the above aquatic animal.

.....

(b) How does the above aquatic animal help in the control of malaria?

.....

55. Re-arrange the following sentences to describe the steps involved in rain formation.

(a) Nimbus clouds become heavy and fall as rain.

(b) Evaporation and transpiration take place.

(c) Water vapour raises up and condenses to form nimbus clouds.

(d) The sun heats water in lakes and the vegetation.

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END

E-Learn Uganda 0708438054 / 0780438054

“Knowledge for All”

ABOUT THE E-LEARN EXAMINATIONS BOARD

The E-Learn Examinations Board emerged during the times of the COVID-19 pandemic, a period marked by widespread disruptions to traditional education systems worldwide. Recognizing the urgent need for innovative solutions to facilitate remote learning, a group of visionary educators and technologists came together to establish the E-Learn Examinations Board.

In response to the challenges faced by educators and learners alike during the pandemic, the board swiftly pivoted to provide comprehensive learning materials tailored to the unique demands of remote education. Understanding that teachers needed support in delivering lessons online, the board developed a range of educational resources and materials, covering various subjects and grade levels. These resources were made freely available to both teachers and learners who had downloaded the E-Learn App.

The E-Learn app was a user-friendly platform designed to streamline the delivery of teaching materials and resources. The app empowered teachers to access a wealth of educational content, including lesson notes, daily and weekly work, instructional videos, and interactive learning activities, all accessible from the convenience of their devices. This innovative tool not only facilitated remote teaching but also fostered collaboration and knowledge sharing among educators.

As the E-Learn app gained popularity among teachers, the board witnessed a remarkable surge in online engagement and participation. The board continued to invest in the expansion and enhancement of its online offerings. This included the development of interactive assessment tools, virtual classrooms, and personalized learning pathways, all aimed at maximizing children's engagement and learning outcomes in the online environment.

Driven by a commitment to excellence and innovation, the E-Learn Examinations Board has emerged as a leader in the field of online education and assessment. Its pioneering efforts bridged the gap created by the pandemic and laid the groundwork for a more inclusive, flexible, and resilient education system for the future.

WHY YOU SHOULD CHOOSE /TRUST THE E-LEARN EXAMINATIONS

1. We create comprehensive and relevant exam content aligned with educational standards/National curriculum.
2. We set a diverse range of questions to assess various aspects of knowledge.
3. We design exams to be accessible to a diverse group of candidates, including those with special needs.
4. We ensure fairness in assessment by considering cultural, linguistic, and regional differences during the marking of mock exams.
5. We gather feedback from candidates and educators to identify areas for improvement.
6. We regularly update exam content and processes based on the current standards.
7. We are always updated with advancements in e-learn technologies for continuous improvement based in teaching and learning.
8. We have established a mechanism for reviewing and validating exam questions, looking at major bodies like UNEB.
9. We provide detailed marking guides for our exams.
10. We are always ready to serve you!

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