

THE PRIDE EXAMINATIONS 2023
PRIMARY SEVEN PRE-MOCK SET I
INTEGRATED SCIENCE

Time allowed 2 hours 15 minutes

INDEX NO:

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Candidate's Name: _____ Signature: _____

School: _____

District: _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO
READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. The paper is made up of two sections: A & B.
2. Section A has 40 questions (40 marks)
3. Section B has 15 questions (60 marks)
4. Answer **ALL** questions in both sections A & B
5. All answers must be written in the spaces provided in **BLUE** or **BLACK** ink. Only diagrams should be drawn in pencil.
6. **Unnecessary crossing of work will lead to loss of marks.**
7. **Poor handwriting, which cannot be easily read may lead to loss of marks.**
8. Do not fill anything in the boxes shown
"For Examiner's Use Only"

FOR EXAMINERS' USE ONLY		
QN. NO.	MARKS	EXAMINER'S INITIALS
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

EXAMINER'S COMMENT & ADVISE TO THE LEARNER

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Turn Over

SECTION A:

1. Name the framework of all bones in the human body.

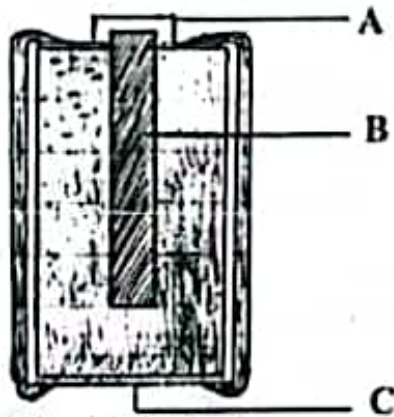
2. How are bees important to plants in your school environment?

3. Why should a person suffering from malaria be fed on a lot of greens?

4. Which gas enables a P.7 candidate to easily light a candle in an experiment?

5. Identify a reptile that changes its colour according to the environment available.

Below is the diagram of a dry cell, use it to answer the questions that follow:



6. Name the part marked with letter B.

7. The above dry cell is a new one. How many volts does it contain?

8. What is the source of energy in the process of photosynthesis?

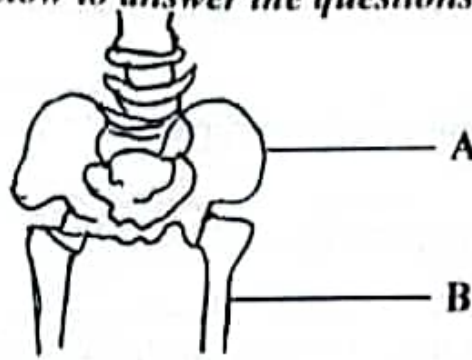
9. What deficiency disease is caused due to shortage of "Go foods" in the human diet?

10. In which way do plants inter depend on animals?

11. Identify any one disadvantage of a free range poultry keeping system in Uganda.

12. How does a physical change differ from a chemical change?

Use the diagram below to answer the questions that follow:



13. Name the part of diagram marked **B**.
14. State the type of movable joint that allows movement in many planes or directions.
15. Why should crystals of sugar dissolve in water?
16. In which way do swampy areas increase the spread of malaria in an area?
17. Why are beans regarded as body building food?
18. How can metallic objects be protected from rusting?
19. Apart from the pregnant mothers, state any other group of vulnerable people.
20. Why should a farmer prefer using loam soil?
21. How can a medical Doctor be able to look at bacteria in milk?

Use the diagram of a house below to answer the questions that follow:



22. What type of house is shown in the above diagram?
23. Give the importance of the structure marked with letter **A**.

24. Why is it necessary for people to drink enough water every day?

25. Identify any **one** plant which is propagated by suckers?

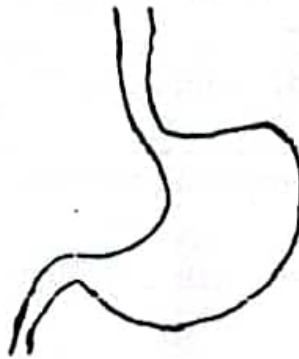
26. How do animals obtain their food?

27. Why should a P.7 candidate wash his hands with soap after visiting a toilet?

28. How can you help a crop farmer to improve on the land fertility for a better yield?

29. Why should a pit latrine have a vent?

Use the diagram below to answer the questions that follow:



30. What is the importance of the part of the digestive system shown above?

31. Identify the digestive juice found in the above part of the digestive system.

32. Why should a pit latrine be put at least 30 metres away from the water source?

33. What is the importance of heart in a human body?

34. In which part of the human reproductive system does fertilization take place?

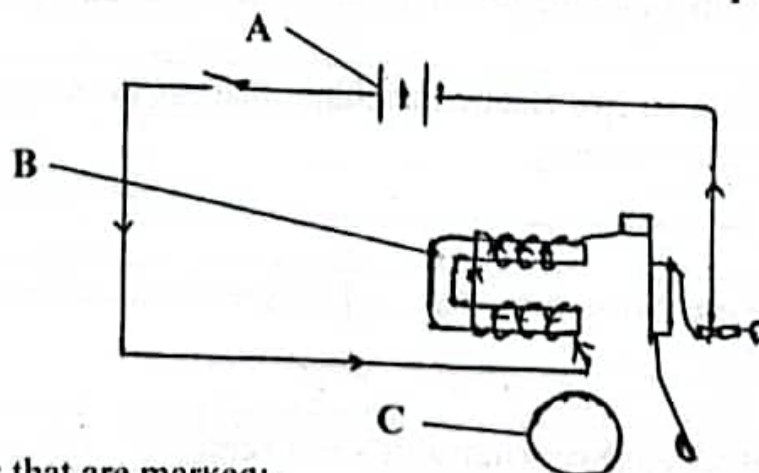
Use the diagram of a water vector below to answer the questions that follow:



35. Name the water vector marked with letter A.
36. What disease does the above water vector spread?
37. How is the administration of BCG vaccine different from that of polio vaccine?
38. Why is copper regarded to be a Non-magnetic material yet it is a metal?
39. What is the importance of a fuse in an electric circuit?
40. Write any one advantage of crop rotation to a farmer.

SECTION B

Study the diagram of an electric bell below and answer the questions that follow



41(a) Name the parts that are marked:-

- (i) A _____
- (ii) B _____
- (b) Give the function of the part marked:-
- (i) A _____
- (ii) C _____

42(a) Identify any **two** diseases that are immunised?

- (i) _____
- (ii) _____

(b) At what age are the following diseases immunised?

- (i) **Measles** _____
- (ii) **Tuberculosis** _____

43(a) Why is bee keeping important to;

- (i) **People** _____
- (ii) **Plants** _____

(b) Give **two** ways of preventing swarming in bee keeping.

- (i) _____
- (ii) _____

The diagram below shows good storage of magnets. Use it to answer the questions that follow:



44(a) Name the poles that are marked:-

- (i) **2** _____
- (ii) **3** _____

(b) Why is part marked **B** made out of wood?

(c) Give any other material that can be used instead of wood for part marked **B**.

45(a) Write down **two** electric machines that can produce electricity from mechanical energy.

- (i) _____
- (ii) _____

(b) Give any **two** common uses of magnets in the environment.

- (i) _____
- (ii) _____

46(a) What are **energy renewable resources**?

(b) Write down any **two** examples of energy renewable resources.

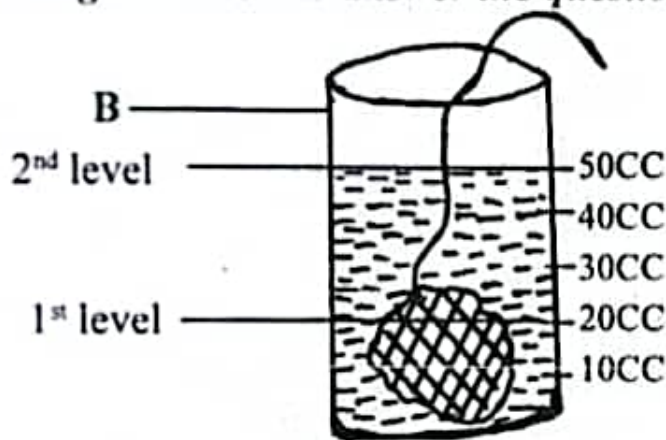
- (i) _____
- (ii) _____

(c) Identify one example of Non-renewable energy resources.

47. Complete the table below by filling in the blank spaces.

	Vector	Disease	Cause
a	Dogs	_____	Virus
b	Tsetse fly	_____	Protozoa / Trypanosoma
c	_____	Trachoma	Virus / Chlamydia
d	Rat fleas	Bubonic plague	_____

Use the diagram below to answer the questions:



48(a) What method is used in the above diagram?

(b) Name the container marked B.

(c) Find the volume of the object.

(d) If the mass is 90g, find the density.

49(a) Suggest any two health habits that keep the body systems to work well.

(i) _____

(ii) _____

(b) Write down any two classes of food that are components of a balanced diet.

(i) _____

(ii) _____

50(a) Why is it not advisable to smoke tobacco?

(i) _____

(ii) _____

(b) How can you control yourself from smoking habits?

(i) _____

(ii) _____

51(a) Name the vector for malaria.

(b) How can the spread of malaria be controlled in a home environment?

(i) _____

(ii) _____

(c) In which way does malaria affect the human blood?

52(a) In which **two** ways can a medical doctor identify and tell that one is dehydrated.

(i) _____

(ii) _____

(b) Give **two** common causes of dehydration to a person.

(i) _____

(ii) _____

53(a) Mention where respiration takes place.

(b) Write down any **two** by products of respiration.

(i) _____

(ii) _____

(c) Which part of the skeleton protects the lungs?

54(a) What is **temperature**?

(b) What is the temperature of the normal human body?

(c) Give the boiling point of water in degrees by;

(i) **The centigrade scale** _____

(ii) **The Fahrenheit scale** _____

55(a) What is a Nursery bed?

(b) Write down **two** advantages of a Nursery bed.

(i) _____

(ii) _____

(c) Name the special garden tool which is used to transfer the seedlings from the Nursery bed to the actual garden.