



# THE REAL PRIVATE TEACHERS' VOICE EXAMINATIONS BOARD

## THE REAL VERIFIED UNEB BLUE PRINT ITEMS FINAL WRAP UP FOR PRIMARY LEAVING EXAMINATIONS

2023

### INTEGRATED SCIENCE

Time allowed: 2 Hours 15 Minutes

Index no:

Random No					Personal No		

Candidate's name: .....

Candidate's signature: .....

School: .....

District : .....

### Read the following instructions carefully

1. This paper is made up of two sections: **A** and **B**.
2. Section **A** has **40** questions (**40 marks**).
3. Section **B** has **16** questions (**60 marks**).
4. Answer ALL questions in both sections **A** and **B**.
5. All answers **MUST** be written in the space provided  
In blue or black ball point pens or ink. All diagrams  
Should be in pencil.
6. Unnecessary crossing of answers will lead to loss of  
Marks.
7. Poor hand writing which cannot be easily read,  
May lead to loss of marks.

#### FOR EXAMINERS' USE ONLY

Qn. No	MARKS	SIGN
1 – 10		
11– 20		
21 – 30		
31– 40		
44 – 46		
47 – 48		
49 - 51		
52 - 53		
54 - 55		
TOTAL		

The Real Private Teachers' Voice Examinations Board 2023.

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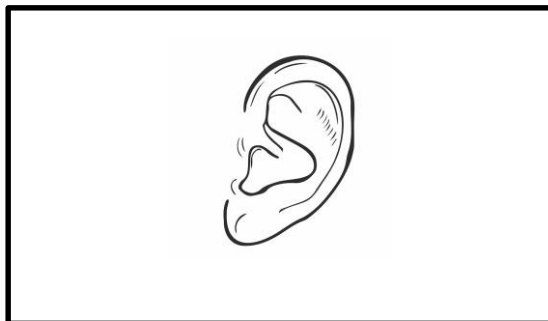
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## SECTION A

1. How can a poultry farmer be able to increase the quality and quantity of egg production in his/her layer chicken?  
\_\_\_\_\_
2. State the way a toad differs from a snake in the way they obtain their young ones.  
\_\_\_\_\_  
\_\_\_\_\_
3. Give any one mineral salt that is needed for proper growth of the skeletal system.  
\_\_\_\_\_
4. Name the type of blood vessel with a narrow lumen.  
\_\_\_\_\_
5. Identify any one example of the type of blood vessel you have in no 4 above.  
\_\_\_\_\_
6. Mention one way Mr Kapito an alcohol addict suffers from his act of alcoholism.  
\_\_\_\_\_
7. Name the type of immunity that can be obtained through breast feeding.  
\_\_\_\_\_
8. What are non-renewable resources?  
\_\_\_\_\_
9. Besides balancing the body, mention any other important of the organ below to a human being.



10. Give the way the component of air used for seed germination is useful to people.  
\_\_\_\_\_
11. Why do you think the ileum has the villi on its lining?  
\_\_\_\_\_

Give any way in which a fuse and a switch are similar to each other in terms of the way they function.  
\_\_\_\_\_



12. Which type of propagation does a cassava plant undergo?

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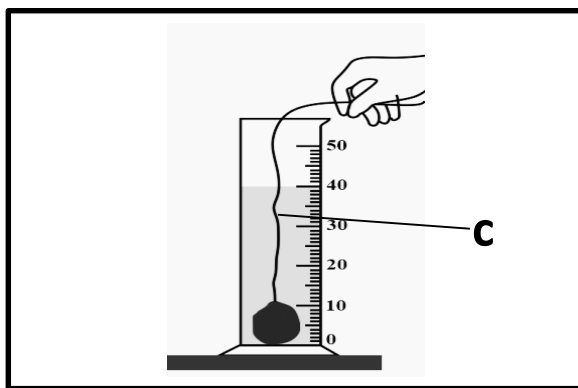
13. Name the group of birds to which an eagle belong

---

14. Nalubwama a primary one girl was taken to the sick bay with the temperature beyond the normal. Why do you think tepid sponging was applied to her?

---

15. Study the diagram below and answer the questions that follow.



What is the importance of object C?

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16. How is a clinical thermometer reset before using it to the next patient?

---

17. Give the reason why regular bathing is of an advantage to Samuel a p.3 boy.

---

18. Apart from writing solfa notes ,give any other way of storing sound by notation

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19. State the term that refers to the process by which certain organism use water and carbondioxed in the presence of sunlight and chlorophyll to release carbohydrates and oxygen

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20. Where does chemical digestion of proteins begin from in the alimentary cannell?

---

21. Why are aluminum wires commonly used in over head wires instead of the copper wire yet copper has a higher conductivity than aluminum.

---

22. Kayemba stepped on red hot charcoal and he got a burn. State the sense organ that helped him pull over the leg

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23. Name the germ that leads to decrease in the count of red blood cells in the body

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24. Mention any one way school going children can control themselves from teenage pregnancy

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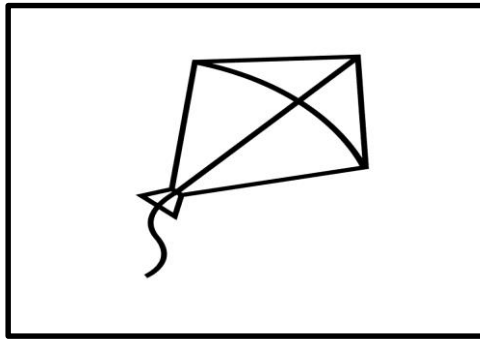
25. How is the kidney useful to the human body?

---

26. State any one way malaria can be controlled without using chemical

---

Use the diagram below to answer the question 27



27. Which property of air is demonstrated by a child flying the kite above?

---

28. In which way is synovial fluids useful at a joint?

---

29. Mention any one activity carried out during health parades.

---

30. Why do you think married people should treat gonorrhea together?

---

31. Which part of a flower receives pollen grains?

---

32. Suggest the basic way of keeping body organs in good working conditions.

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33. What is the importance of chlorine chemical in preparing safe water?

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34. How do you think banana and cassava growers in your community have helped in the control of the spread of Covid 19 and other respiratory tract diseases?

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35. Name the sanitary tool used by girls to maintain proper hygiene during menstruation periods

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36. Suggest the possible reasons why cooks are given clothes with bright colours

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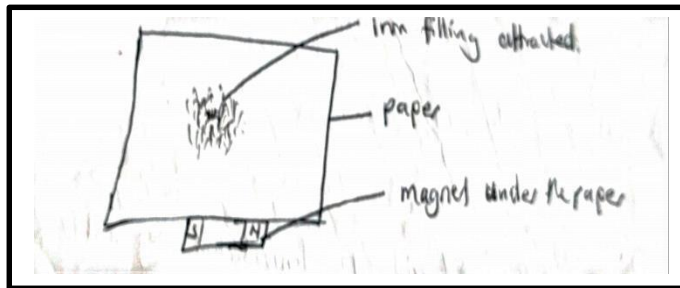
37. What is the end product of carbohydrates after digestion?

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38. Give the meaning of the term energy resources.

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Use the diagram below to answer question 39



39. Which property of magnet is demonstrated in the diagram above?

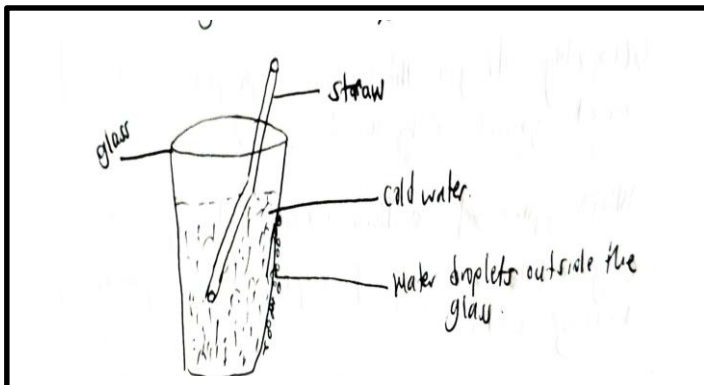
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40. Why are we advised to always not to sleep under a treated mosquito net?

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## SECTION B

41. Use the diagram to answer questions that follow:-



a) Name the property of air that enables one take the water using a straw in the diagram

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b) Why do you think water droplets are formed outside the glass

---

c) Give a reason why the straw appears bent

---

d) Besides condensation, mention any other physical process in the formation of rain fall

---

42. a) How do bees protect themselves from enemies?

b) Which type of bees protects others?

c) Give the importance of smoker to a bee farmer during honey harvesting.

d) Give the difference between bees and spiders in terms of their body structure

43. a) Match items in List A with those in List B

LIST A	LIST B
Switch	Conducts electricity
Copper wire	Breaks the circuit
Fuse	Measures electric resistance
Ohmmeter	Breaks or completes the circuit

i) Switch \_\_\_\_\_

ii) Copper wire \_\_\_\_\_

iii) Fuse \_\_\_\_\_

iv) Ohmmeter \_\_\_\_\_

44. a) Mention any two groups of arthropods

i) \_\_\_\_\_

ii) \_\_\_\_\_

b) Give two differences between a mammal and a bird

i) \_\_\_\_\_

ii) \_\_\_\_\_

45. a) Why are arteries made of thick walls

b) Give any one functional difference between arteries and veins.

c) Suggest two importance of blood plasma

i) \_\_\_\_\_

ii) \_\_\_\_\_

46. a) What is matter?

\_\_\_\_\_

\_\_\_\_\_

b) State any two states of matter.

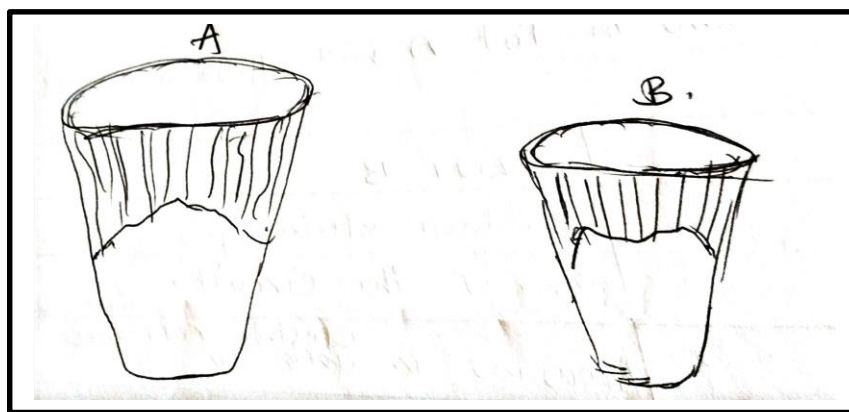
i) \_\_\_\_\_

ii) \_\_\_\_\_

c) In which states of matter does sound travel fastest?



47.



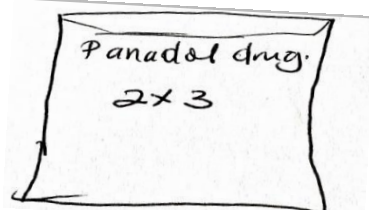
- Which drum produces the highest pitch?
- Mention any two factors that may make the two drums produce the same pitch
  - 
  -
- How can you reproduce sound stored on a compact disc?

48. In the space below, draw the structure of human heart and show the following

- Vena cava
- Pulmonary artery
- Valves
- Septum

49.a) What is drug prescription?

b) Use the diagram below to answer questions that follow



How many tablets is one supposed to take in a day according to the prescription above?

c) What are some of the effects of this drug if one takes more than the prescribed dose?

d) Give a reason why a person who has taken paraffin should not be made to vomit.

50. a) What is PHC in full?

b) Write any two principles of PHC

i) \_\_\_\_\_

ii) \_\_\_\_\_

c) Which element of primary health care promotes proper cleanliness of individuals and the things they use?

51. a) Name the best breed producer of fur in rabbits.

b) Name the bacterial disease that attacks both rabbits and poultry.

c) Mention two ways of preventing disease in rabbit's hutch

i) \_\_\_\_\_

ii) \_\_\_\_\_

52. a) Why are we advised to brush our teeth after every meal?

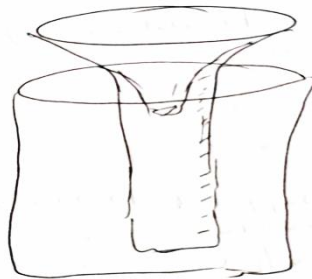
b) Besides brushing teeth, identify any two ways a P.3 pupil can promote personal hygiene

i) \_\_\_\_\_

ii) \_\_\_\_\_

c) Mention any one item used to promote personal hygiene.

53. Below is a weather instrument, use it to answer the question that follows.





a) Name the weather instrument shown above

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b) How useful is the instrument at the weather station?

---

c) Why the Stevenson screen is painted white?

---

d) State one instrument kept in the Stevenson screen.

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54.a) Identify two types of chicken kept in Uganda

i) \_\_\_\_\_

ii) \_\_\_\_\_

b) Point out one characteristic of local breeds of chicken kept in Uganda

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c) Give one way in which farmers can improve local breeds of chicken

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55.a) What are living things?

---

b) Give two reasons why a man is called a living thing

i) \_\_\_\_\_

ii) \_\_\_\_\_

c) Identify one living component of the environment.

---

\*\*\*\*\*END\*\*\*\*\*

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