



THE REAL PRIVATE TEACHERS' VOICE EXAMINATIONS BOARD
THE ONLY REAL P.7 EXAMINATIONS COMMAND CENTRE
THE REAL MOCK TRIAL PREPARING A CANDIDATE FOR THE
PRIMARY LEAVING EXAMINATIONS 2024
INTEGRATED SCIENCE (SET ONE)

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 2024.

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SECTION A (40MKS)

1. Name the body organ used to detect hot tea.

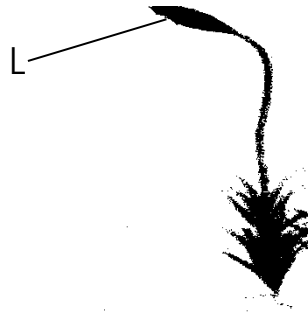
2. Which disease is spread by a rat flea to people?

3. How are halteres useful to an insect?

4. Give one use of a hoe to a crop farmer.

5. Mention one nonliving component of soil.

The diagram below shows a non-flowering plant. Use it to answer questions 6 and 7.



6. What name is given to the nonflowering plant above?

7. How is part marked with letter **L** useful to the above plant?

8. State the importance of nitrogen gas to cattle farmers.

9. Name one state of matter.

10. How are mosquitoes dangerous to children?

11. Give one way in which animals can be grouped.

12. Mention one way of maintaining oral hygiene.

13. State the behavior of liquids when put in any container.



14. How are scavenger birds useful in the environment they live in?

15. Name the highest clouds in the atmosphere.

16. Identify the part of a plant that makes food.

17. Name the animals considered to be a beast of burden.

18. Mention the enzyme found in the stomach.

19. Why do frogs cover their eggs with a slimy jelly?

20. What happens to the volume of water when it freezes?

21. Name any one deficiency disease found in children.

22. Mention any one method used to obtain clean water from dirty water.

23. Name the sexually transmitted disease that causes blindness in children.

The diagram below is a burning candle. Use it to answer questions 24 and 25.



24. Name one form of energy produced at x

25. Give one importance of the form of energy produced by x

26. How are weeds useful to a goat farmer?

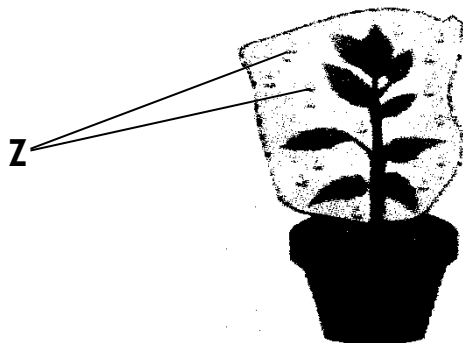
27. Name the force that enables a mango fruit fall from its tree.

28. How is a tick different from other arachnids in the way they breathe?

29. How is a grit found in the gizzard of a bird useful?

30. Why does blood go to the kidneys?

Use the diagram below to answer questions 31 and 32.



31. By what process is substance **Z** formed?

32. How is the above process useful to the farmer?

33. How is soil erosion dangerous to the environment?

34. Which gas bubbles out when a bottle of water is opened?

35. Why should the floor of a hutch be made slanting?

36. How can water be used in promoting sanitation?

37. Name any one group vulnerable of people?

38. What is the use of a switch to a cow?

39. What are reflectors of heat?

40. Mention the type of teeth well developed in a dog.

SECTION B (60 MKS)

41.a). Give two importance of saliva in the process of digestion.

i) _____

ii) _____



b). Mention two disorders of the digestive system.

i) _____

ii) _____

42. a). Identify any two non-living agents of soil erosion.

i) _____ ii) _____

b). Name any cause of soil erosion.

c). State any one way of controlling soil erosion.

The diagram below shows blood vessels. Use it to answer questions that follow.



43.a). Identify the blood vessels **M** and **N**.

i) **M** _____

ii) **N** _____

b). Give the functional difference between blood vessels **M** and **N**.

c). Apart from blood vessels, name one other component of the circulatory system.

44.a). Name two groups of warm blooded vertebrates.

i) _____ ii) _____

b). To which group of mammals does a bush baby belong?

c). Give the common characteristic to all mammals.

45. a). Name the following types of bees in a bee hive.

i) Female fertile bee _____

ii) Female sterile bee _____

b). Give one way bees are useful to a crop farmer.

c). State on way a bee keeper can care for his bees.

46. a). State the disease caused by corona virus.

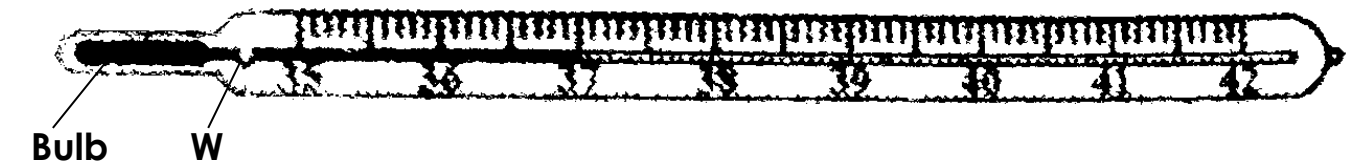
b). Give any two ways of controlling the disease caused by corona virus.

i) _____

ii) _____

c). Name the body system affected by the disease mentioned in 45.a). above.

Use the diagram below to answer questions that follow.



47.a). Name the instrument above.

b). Identify the form of energy that enables the above instrument to work.

c). Name the liquid used in the above instrument.

d). How is the above instrument reset?

48. a). Name any two examples of renewable resources in the environment.

i) _____ ii) _____

b). Give any two examples of plant fibre in the environment.

i) _____ ii) _____

49. a). What is a balanced diet?

b). Give two reasons why people eat food.

i) _____

ii) _____

c). Identify the food value got from eating cooked cassava.

50. a). Give one example of short bone.

b). Name the mineral salt that keeps bones health and strong.

c). Mention two ways we can make our bones strong.

i) _____

ii) _____

51. a). Name the garden tool used in harvesting tube crops.

b). Give any one reason why garden tools are coated with paint.

c). Apart from painting, give two other ways farmers care for their garden tools.

i) _____

ii) _____

52. a). Mention any two materials that can float on water.

i) _____ ii) _____

b). Give a reason why a stone sinks when it is put in water.

c). State the force that makes objects weightless in water.

53. Match the bacteria in list A to the diseases they cause in list B correctly.

List A

Chlamydia

Treponema pallidum

Vibrio cholera

Salmonella typhi

List B

Cholera

Trachoma

Typhoid

Syphilis

List A

Chlamydia

Treponema pallidum

Vibrio cholera

Salmonella typhi

List B

54. a). In which part of the body does respiration take place?

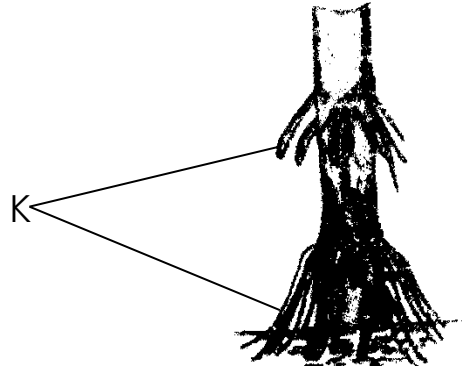
b). Mention any one raw-material for respiration.

c). How is respiration useful to the human body?

d). Give the bio-product of respiration that is a raw material for photosynthesis.



The diagram below shows a stem of a certain plant in our environment. Use it to answer the questions that follow.



55. a). Name the roots marked **K**.

b). Give the function of such roots to a plant.

c). Mention any two examples of plants with such roots.

i) _____ ii) _____

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CONTACTS

P.O. Box 19020 Kasangati
Tel.: (+256):755-583 704 (Director)
774 196 494 (Head teacher)
705-100 479 (Deputy HM)
Bursar: 0752 090 877/0772 582 704

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