



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 TWO)

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 B (40 marks)

1. Name the element of weather that supports the process of germination.

2. Give a reason why hives should be hung near the ground.

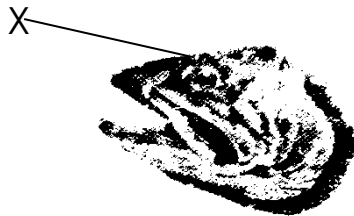
3. State one use of iron in the body of a pregnant woman.

4. Why is not advisable to drink too much water while eating food.

5. Give any one way in which filtration is important in the environment.

6. State any one way in which candidiasis can be controlled among school children.

Below is part of fish use it to answer questions 7 and 8.



7. Name part labelled x

8. Complete the diagram above putting the missing parts.

9. Mention down any one activity that can be done by young farmers club in the community.

10. What is the function of blood capillaries in the teeth?

11. State the reason why the amount of displaced water is said to be equal to the volume of an irregular object.

12. How does one become a passive smoker?

13. State the element of primary health care that is promoted by taking a pregnant mother to the hospital.



14. State any one characteristic common to annual crops.

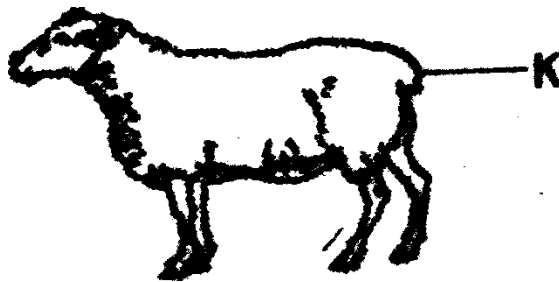
15. How does the use of a bicycle help to conserve fossil fuel as non-renewable resources?

16. Name the vector that transmit Trypanosoma germs to people.

17. What is the best time for transplanting seedling?

18. Give reason why road constructors should install fly overs along a busy highway road.

The diagram below shows one of the management practices in sheep. Use it to answer questions 19 and 20.



19. Name the management practice shown by letter K.

20. How is the above practice improving to a sheep farmer?

21. Name one organ that helps to remove urine from the human body.

22. Give one body condition that is caused by inadequate supply of oxygenated blood to the brain.

23. Give any one sign which is common between the people suffering from tuberculosis and those of HIV/AIDS.

24. Mention any one way in which you can soften and dissolve dirt from clothes during washing.



Use the diagram below of the blood vessel below to answer question 25 and 26.



25. Name the blood vessel shown below.

26. Use arrows to show the movement of blood through blood vessel above.

27. State any one way in which the spread of polio can be controlled.

28. Give one difference between cassava and carrots in the way they are preserved.

29. Why are we able to hear sound clearly at night?

30. Apart from using wood, state one way of protecting hands against heat.

31. How important is an exo skeleton to organisms like insects?

32. Give one way in which bacteria and amoeba are similar.

33. State one reason why a toilet paper is usually put on top of a water tank of a flush toilet.

34. Why do desert plants develop leaves with thorns?

35. How does terracing help to conserve soil in areas that are hilly?

36. Name the method of making alcohol that does not involve use of heat.

37. How are rings of cartilage able to prevent the human being against suffocation during breathing?

38. What kind of worms causes itching around the anal area in children?



39. Give one way in which the lungs and stomach of a paraffin victim can be prevented from damage.

40. Give any one effect of drought in an area.

SECTION B (60Marks)

41. State the type of cloud with the following characteristics;

i) Appear like white feather in the sky

ii) Dark grey in colour .

iii) White in colour like cotton wool.

42.a) Give the meaning of the following terms:

i) Vector:_____

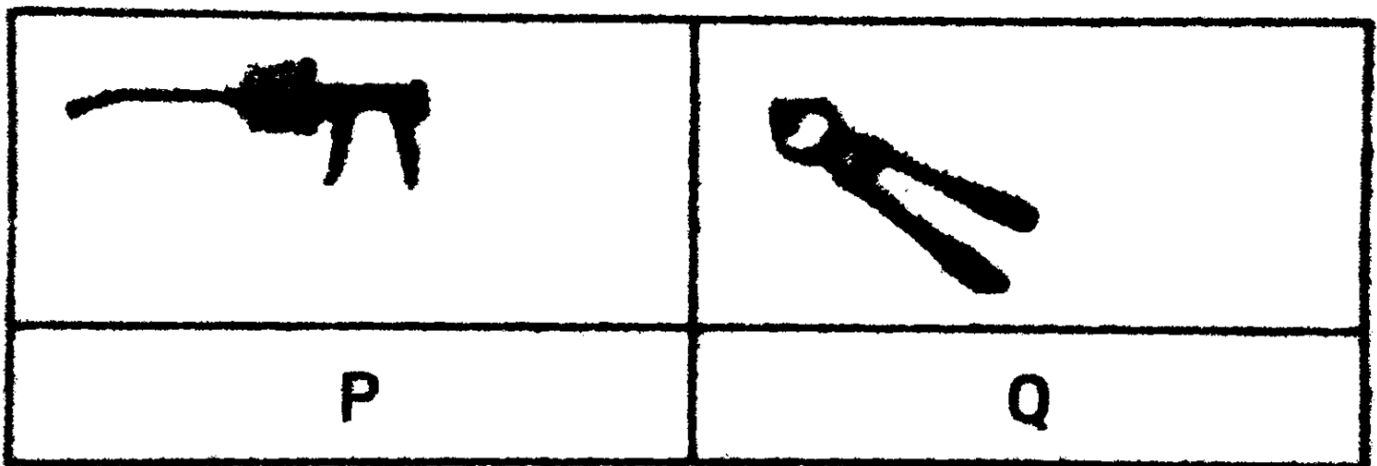
ii) Pest:_____

b) Identify any two activities done by people to control vectors at home.

i)_____

ii)_____

43. The diagram below show some equipment used by cattle farmers. Study and use them to answer questions that follow.



a) Write down one farm activity done by a cattle farmer using the equipment represented by letter P and Q as shown above.

i) P _____

ii) Q _____



b) Apart from the activities mentioned in (a) above write down other two routine management practices done by cattle farmers.

i) _____

ii) _____

44. Below is a diagram showing a packet of medication that was given to Kelli after going to hospital use it to answer questions below.



a) How many tablets do you think Kelli has to take after two days?

b) What name is given to the above written information?

c) Supposing Kelli takes the medication only once a day. What health danger would happen to him?

45.a) Identify any one method of harvesting root tube crops.

b) Give any one way in which root tuber crops can promote human life.

c) How does sun-drying help to preserve sliced harvested cassava?

d). State one effect done by pests on root tuber crops.

46.a) Name the groups of invertebrates to which the following belong.

i) Star fish. _____

ii) Jelly fish. _____

b) State any two ways in which the above invertebrates can promote human health.

i) _____

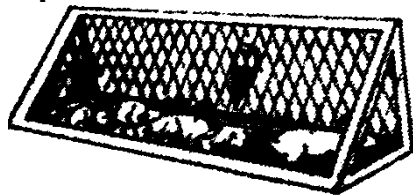
ii) _____

47. The table below shows examples of alloys metals used to make them and their uses. Complete the table by filling in the missing words.



Alloy	Combination	Use
Bronze	i) _____	For making ornament
ii) _____	Mercury + copper	For filling dental cavities
Brass	Copper + Zinc	lii) _____
iv) _____	Lead + tin	For joining wires

48. The diagram below shows an example of a modern hutch. Study it carefully to answer questions that follow.



a) Identify the type of hutch shown above.

b) Give two reasons why the above hutch is constructed with a wire mesh.

i) _____

ii) _____

c) Why should a Morant hutch be placed on ground with grass?

49.a) Give any two ways in which organ mulches can help to conserve soil in the garden.

i) _____

ii) _____

b) Mention down any two common organic mulches used by crop farmers to conserve soil.

i) _____

ii) _____

50.a) Identify a tropism where a plant responds to:

i) Light _____

ii) water _____

b) Give any two ways in which tropisms are important to plants in the environment.

i) _____

ii) _____



51. The following are some of the activities that take place in body during breathing. Study them carefully to answer questions that follow.

- . The ribs move down wards and in wards.
- . The diaphragm relaxes.
- . The chest reduces in volume.
- . The lungs contract.

a) Mention down the breathing mechanism demonstrated by the activities above.

b) Why do the ribs move down wards and in wards during the breathing process in (a) above?

c) In which two ways does construction of lungs benefit the human body?

i) _____

ii) _____

52. a) In which two ways is mass different from weight?

i) _____

ii) _____

b) State the basic unit used to measure.

i) Mass _____

ii) weight _____

53 a) State two ways in which radiation is useful to farmers.

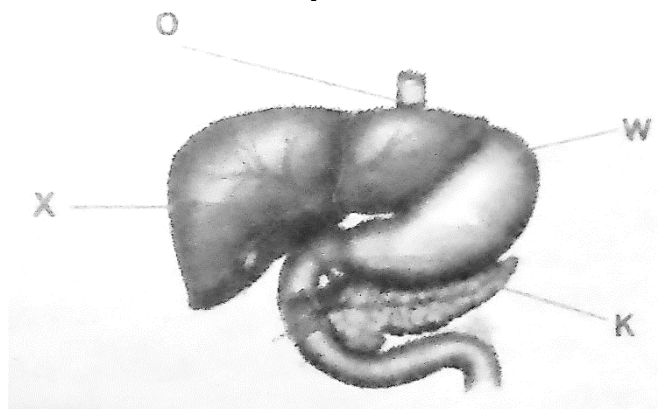
i) _____

ii) _____

b) Give a reason why heat travels through a vacuum by radiation.

c) State one use of heat to health workers in hospitals.

54. The diagram below shows part of the human organs. Answer questions that follow.



a) Name the part labelled O

b) State one role played by W during mechanical digestion.

c) What digestive juice does organ Z produce?

d) Give any one enzyme found in the digestive juice produced by organ.

55.a) Write down any two vices poultry farmers control by de-beaking chicken.

i) _____

ii) _____

b) Give any two ways used by poultry farmers to identify the presence of vices among their chicken.

i) _____

ii) _____



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