THE JEROX PRE - PLE SET III EXAMINATION 2024

Primary Seven Integrated Science

TIME ALLOWED: 2 HOURS 15 MINUTES

Index No.	Random No.						Personal No.		

NAME: _____

SCHOOL: _____

SIGNATURE: _____ 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 section **A** and **B**
2. Section **A** has **40** questions **(40 marks)** and Section **B** has **15** questions **(60 marks)**
3. Answer all questions in both sections A and B.
4. All answers must be written in the spaces provided in **BLUE** or **BLACK** ink. Only diagrams should be drawn in pencil.
5. Unnecessary crossing will lead to loss of mark
6. Poor handwriting, which can not be easily rea may lead to loss of marks.

FOR EXAMINER'S USE ONLY

SECTION	SCORES	REMARKS
A		
B		
TOTAL		

Teacher's comment to the pupil

_____

_____

_____

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TURN OVER

11. Write **one** human activity that controls soil erosion

12. Which force makes passengers to jerk in a taxi?

13. How is nitrogen important to a cattle farmer?

14. Write **one** example of mohair goat

15. How is pruning useful in crop growing?

16. State the main cause of beriberi in children.

17. How is the sun useful as an energy resource?

18. State the role of a sponge in the process of bathing.

19. Who is a casualty?

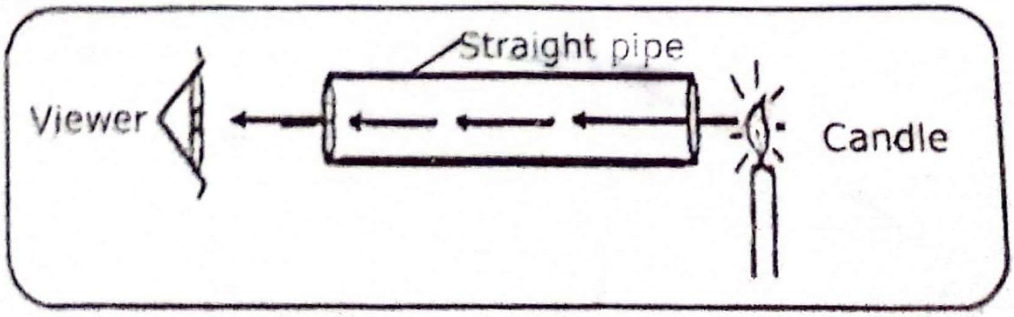
20. Which body organ regulates blood sugar?

21. Give **one** danger of using electricity at home.

22. Give **one** method of applying fertilizers in the garden.

23. Identify **one** method of harvesting rain water.

The diagram below shows a property of light. Use it to answer questions 24 and 25.



24. Which property of light is shown in the diagram above?

25. What would happen if a bent pipe was used?

26. Apart from breast feeding, give **one** other way of feeding newly born babies.

27. Give **one** group of people who carry out health survey.

28. Write **one** type of poultry apart from turkeys.

29. Mention **one** feature of a VIP latrine.

30. Which form of alternating current is got from burning fuels?

31. Write the first step in administering first aid to snake bite.

32. Name the best method of avoiding HIV/AIDS among married couples.

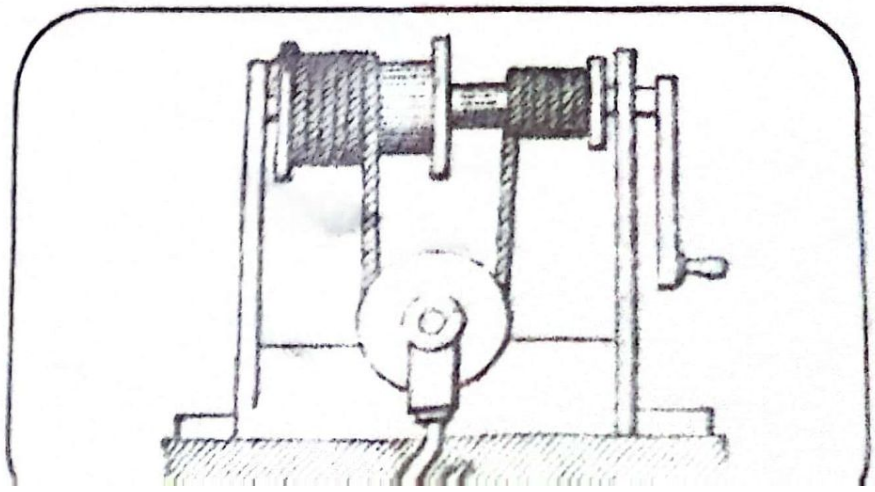
33. What food value is got from eating pollen?

34. Which type of blood vessels have valves?

35. Give **one** role of a child in promoting personal hygiene.

36. State **one** way of using electricity sparingly at home.

The diagram below shows a simple machine. Use it to answer questions 37 and 38.



38. State one application of the above simple machine at home.

_____

39. What is a foreign body?

_____

_____

40. How are molecules arranged in solid state?

_____

SECTION B (60 Marks)

(Questions **41** to **55,** carries **four** marks)

41. (a) Identify **two** components of soil.

(i) _____

(ii) _____

(b) State **two** uses of soil to people.

(i) _____

(ii) _____

42. (a) Write down **two** sources of sound energy.

(i) _____

(ii) _____

(b) How is sound stored on a compact disc?

_____

(c) State the best way of reproducing sound stored on a compact disc.

_____

43. (a) What is soil drainage?

_____

_____

(b) Which type of soil has the;

(i) lowest drainage ?_____

(ii) highest drainage ?_____

(c) State **one** factor that determines drainage of a given soil sample.

_____

44. Write short notes on the following terms.

(a) Food chain

_____

_____

(b) Producers

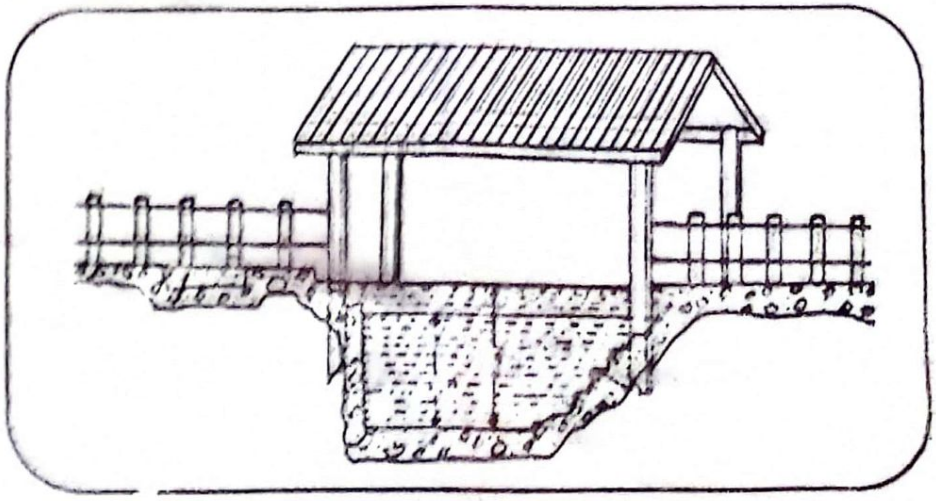
_____

(c) Primary consumers

(d) Secondary consumers

45. (a) Give **two** places where near drowning occurs.
(i)
(ii)
(b) State **two** ways of controlling drowning in a community
(i)
(ii)

46. **The diagram below shows a farm structure. Use it to answer the questions that follow.**



(a) Name the farm structure shown above.

(b) Which activity occurs in the above farm structure?

(c) How is the above activity important in cattle management?

(d) Why is the above structure covered with shelter?

47. (a) What are health survey?

(b) Give **two** pieces of information collected during a health survey?
(i)
(ii)

(c) What name is given to the information collected during a census survey?

_____

48. (a) Write **two** ways in which vectors spread germs

(i) _____

(ii) _____

(b) Name **two** vectors that breed in water

(i) _____

(ii) _____

49 (a) Identify the animal fibre goat from.

(i) Goats _____

(ii) Sheep _____

(b) Write **one** product got from animal fibres

_____

(c) Besides animal fibre, give **one** other animal product.

_____

50 **Match the invertebrates in list A to their respective groups in list B**

List A	List B
Locusts	Echinoderms
Sea urchins	Molluscs
Leech	Arthropods
Octopus	Worms

(i) Locusts _____

(ii) Sea urchins _____

(iii) Leech _____

(iv) Octopus _____

51. (a) State **two** ways of conserving fossil fuels

(i) _____

(ii) _____

(b) Besides petroleum, name **one** other example of fossil fuels.

_____

(c) Identify **one** petroleum product

_____

52. (a) Write **one** reason for practicing drug abuse

_____

(b) Give any **two** commonly abused drugs.

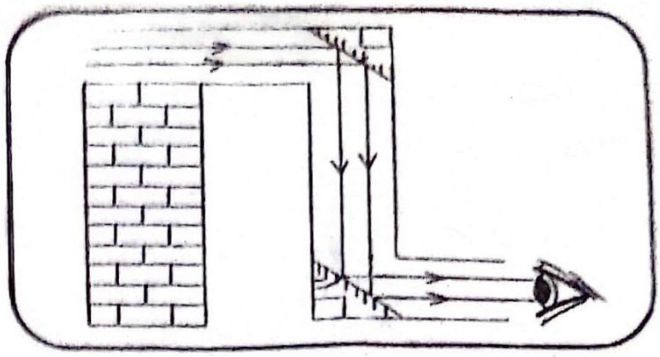
(i) _____

(ii) _____

(c) State **one** danger of drug abuse to human health.

_____

The diagram below shows an optical instrument. Use it to answer the questions that follow.



(a) Name the optical instrument shown above.

_____

(b) State **two** functions of the above optical instrument to people

(i) _____

(ii) _____

(c) On which principle of light does the above instrument work?

_____

54. (a) How are the following components important in an electric circuit

(i) Fuse?

_____

(ii) Switch?

_____

(b) What can **one** do in order to increase voltage in a circuit?

_____

(c) Give **one** condition that makes a bulb to stop producing light in complete circuit.

_____

55. (a) Identify any **two** components of the circulatory system.

(i) _____

(ii) _____

(b) Why do veins and the heart have valves?

_____

(c) Write **one** health habit that makes blood vessels narrow

_____