THE REPUBLIC OF UGANDA

TAAND EXAMINATIONS BOARD

CONTINUOUS ASSESSMENT EXAMINATION TERM I, 2023

PRIMARY SEVEN

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Random Number						Personal Number		

Candidate's Name: .....

Candidate's Signature.....

School's Name .....

District. .....

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

Read the following instructions carefully:

1. This paper is made up of **two** Sections: **A** and **B.**
2. Section A has **40** short-answer questions **(40 marks).**
3. Section B has 15 questions **(60 marks).**
4. Answer **ALL** questions. All answers to both Sections A and B **MUST** be written in the spaces provided.
5. All answers **MUST** be written using a blue or black ball-point pen or ink. Diagrams should be drawn in pencil.
6. Unnecessary alteration of work may lead to loss of marks.
7. Any handwriting that cannot easily be read may lead to loss of marks.
8. Do not fill anything in the box indicated **"For examiners' use only"** and those inside the question paper.

FOR EXAMINER'S USE ONLY		
Qn. No.	Marks	Exrs' No.
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

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SECTION A: (40 Marks)

Questions 1 to 40 carry one mark each.

1. Name the gas used to extinguish fire.

_____

2. To which body system do lungs belong?

_____

3. Where does fertilization take place in humans?

_____

4. Name the solvent used in the preparation of ORS.

_____

5. Identify the blood vessels which have valves.

_____

6 Mention any **one** product got from milk.

_____

7. Name **one** breed of sheep purposely kept for the production of wool.

_____

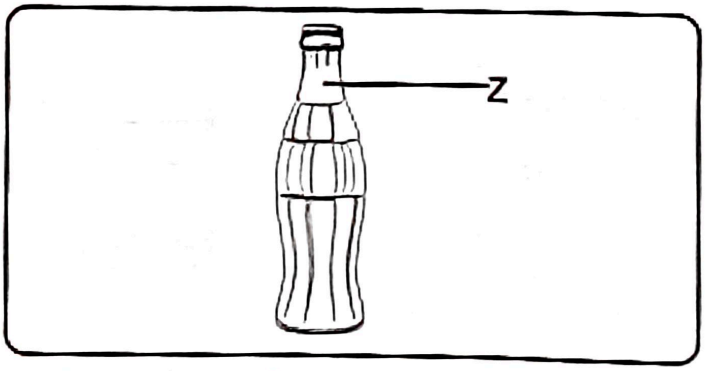
8. Give any **one** activity that falls under personal hygiene.

_____

9. By what means does heat travel through the vaccum?

_____

Below is a diagram of a coca-cola soda bottle. Use it to answer question 10.



10. Why is space **Z** normally left in soda bottles?

_____

11. State **one** way you can keep your body clean.

_____

12. Mention **one** method that can be used to preserve food.

_____

13. Why should children be advised to control the amount of sweets they eat?

_____

14. State **one** way of avoiding constipation.

_____

15. Give **one** example of an animal fibre.

_____

16. By what process does oxygen enter blood?

_____

17. At what age should weaning in babies be done?

_____

18. Identify the insect which lays its eggs on stagnant water

_____

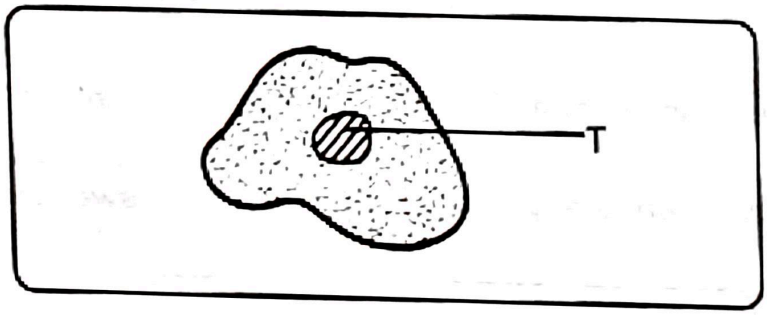
19. What type of change occurs when a bean seed germinates?

_____

20. How are the larvae / maggots of houseflies useful in latrines?

_____

The diagram below is of a blood cell. Use it to answer questions 21 and 22.



21. Name the blood cell shown above.

_____

22. Identify the part marked T on the diagram above.

_____

23. Name the vector involved in the 4Fs germ path.

_____

24. How is transpiration useful to plants?

_____

25. Where in the human body does respiration take place?

_____

26. Give any **one** device used to reproduce sound.

_____

27. Where in the digestive system does the absorption of water take place?

_____

28. State **one** way of caring for garden tools.

_____

29. A mushroom does not have chlorophyll to enable it make its own food. How does it feed?

_____

30. In which part of a flower are pollen grains produced?

_____

31. Identify any **one** group of vertebrates which carries out external fertilization.

_____

32. How is the tongue useful during digestion?

_____

33. Give **one** condition that may lead to bottle feeding.

_____

34. How is the propagation of bananas similar to that of pineapples?

_____

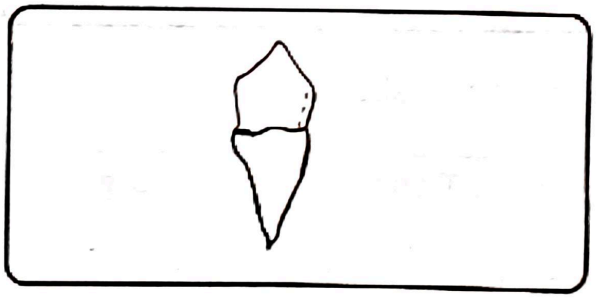
35. Name the gas used by legumes to manufacture proteins.

_____

36. Mention **one** example of a plant which keeps seeds in cones.

_____

Below is a diagram of a type of tooth. Use it to answer questions 37 and 38.



37. Name the tooth drawn above.

_____

38. State the function of the above tooth.

_____

39. Name **one** insect which is a source of food to man.

_____

40. Suggest **one** factor that leads to bee swarming.

_____

SECTION B (60 Marks)

Questions 41 - 55, carry four marks each.

41. (a) Why do farmers debeak their birds?

_____

(b) State **one** disadvantage of debeaking to birds.

_____

(c) Mention **two** reasons why free range system is not common in urban areas.

(i) _____

(ii) _____

42. (a) Name the mammal which spends much of its time in fresh water lakes.

_____

(b) Apart from mammals, name other **two** groups of vertebrates.

(i) _____

(ii) _____

(c) How important is a blubber to a whale?

_____

43. (a) State **two** characteristics of monocotyledonous plants.

(i) _____

(ii) _____

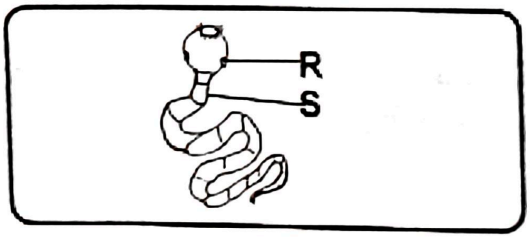
(b) What is a collection of petals called?

_____

(c) What name is given to the group of plants that reproduce by means of seeds?

_____

44. ***The diagram below is of a tape worm. Use it to answer the questions that follow.***



(a) Name the parts marked:

(i) **R** _____

(ii) **S** _____

(b) What does a tape worm feed on?

_____

(c) Suggest **one** way through which one can get infected by tape worms.

_____

45. (a) Who are vulnerable groups of people?

_____

_____

(b) State **two** groups of vulnerable people.

(i) _____

(ii) _____

(c) State **one** advantage of breastfeeding to a mother.

_____

46. (a) What is an accident?

_____

_____

(b) State **two** causes of road accidents.

(i) _____

(ii) _____

(c) Give **one** way in which road accidents can be prevented.

_____

47. (a) State any **two** reasons why people drink alcohol.

(i) _____

(ii) _____

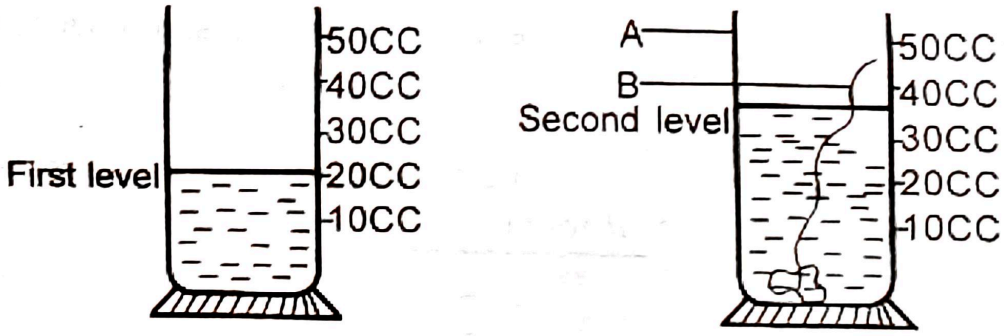
(b) Mention **one** effect of excessive drinking of alcohol to a family.

_____

(c) Where is alcohol absorbed in the alimentary canal?

_____

48. ***Use the diagram below to answer the questions that follow.***



(a) Find the volume of the stone.

(b) Name the objects labelled **A** and **B**.

(i) **A** _____

(ii) **B** _____

(c) What name is given to the above method of finding volume?

_____

49. (a) What is fever?

(b) How can a person having fever be given first aid?

(c) Give **two** reasons for giving first aid to a person with fever.
(i)
(ii)

50. (a) Apart from lungs, name one other body organ protected by the rib cage.

(b) State the function of the blood components below in the circulatory system.
(i) Platelets

(ii) Red blood cells

(c) What causes anaemia?

51. ***The table below shows food stuffs prepared in different families. Study it and answer the questions that follow.***

FAMILY A	FAMILY B	FAMILY C	FAMILY D
rice	yams	posho	rice
matooke	cassava	yams	fish
meat (beef)	groundnuts	sweet potatoes	mangoes

(a) Which family has proteins but lacks fats?

(b) Which family will be able to have vitamin C?

(c) What food nutrients does family A lack?

(d) Which family has almost a balanced diet?

52. (a) Mention the term used to refer to domestic birds.

(b) Give any **one** type of chicken kept in Uganda.

(c) Why is litter put in a poultry house?

(d) Write **one** material that can be used as litter in a poultry house.

53. (a) Define the term immunity.

_____

_____

(b) Why is DPT vaccine referred to as a triple vaccine?

_____

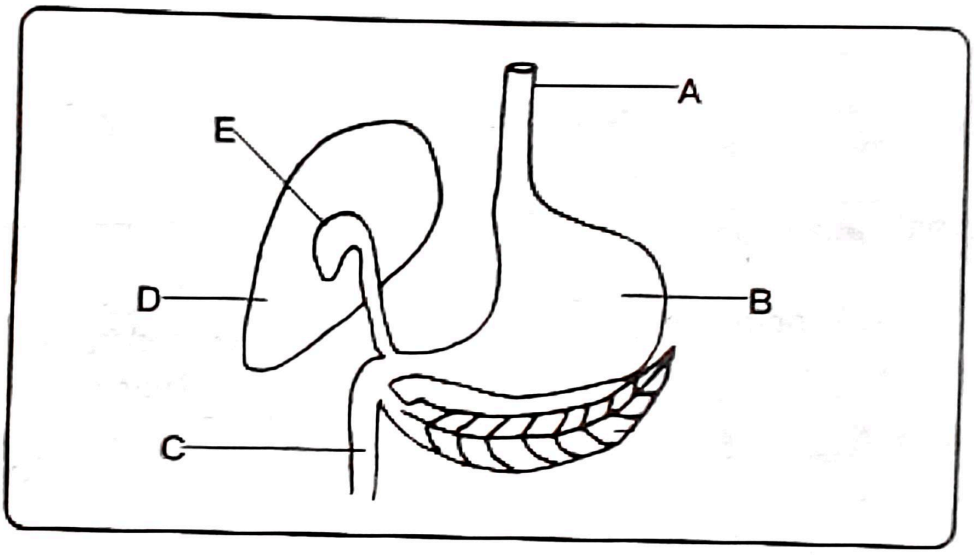
(c) How is polio vaccine administered?

_____

(d) How can polio be transmitted?

_____

54. *The diagram below shows part of the digestive system of man.*



(a) Name the parts labelled **A** and **C**.

(i) **A** _____

(ii) **C** _____

(b) Give the function of part labelled **E**.

_____

(c) Where does digestion of food end in man?

_____

55. (a) Give **one** example of each of the following animals.

(i) molluscs _____

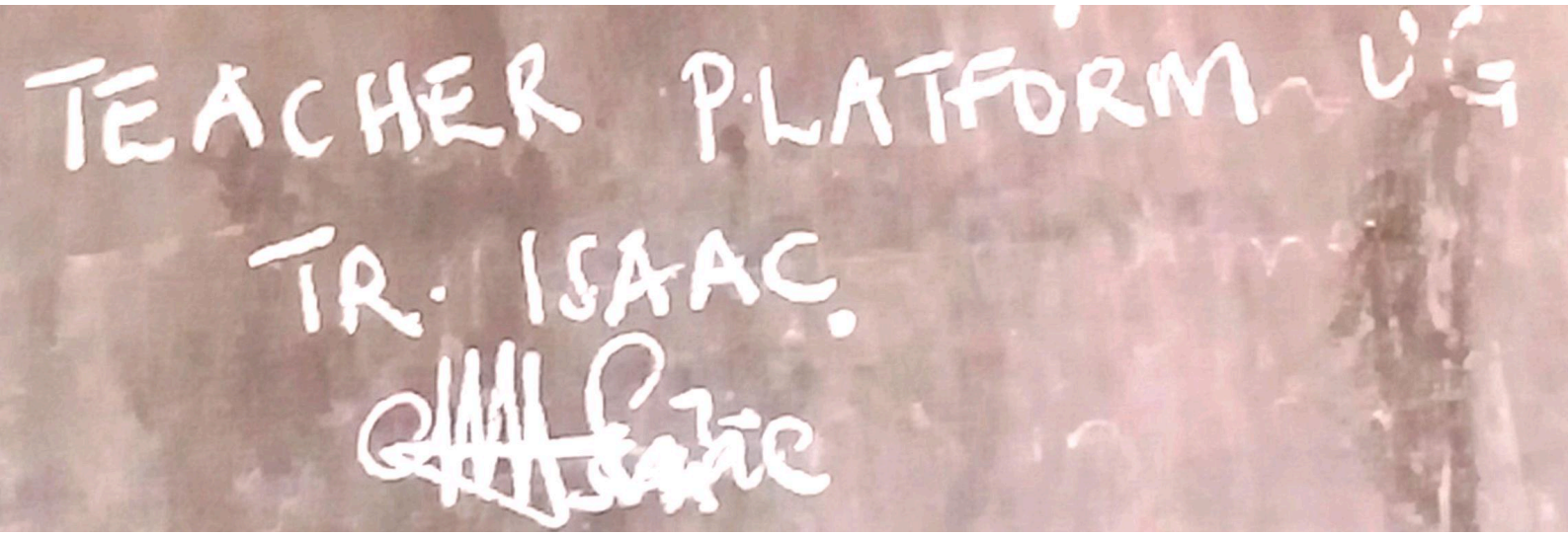
(ii) arachnids _____

(iii) insects _____

(b) Identify the vector for bilharziasis.

_____

****END****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