

THE JUBRA EDUCATIONAL SERVICES - KAMPALA
(TERM I SET III EXAMINATIONS 2023)

SUBJECT : INTEGRATED SCIENCE

CLASS : PRIMARY SEVEN

DURATION : 2 HOUR 15 MINUTES

PUPIL'S NAME : _____

SCHOOL : _____

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 questions (40 marks)
3. Section B has 15 questions (60 marks)
4. Answer ALL questions. All answers to both section 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.
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 boxes indicated For Examiner's use only

FOR EXAMINERS' USE ONLY

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SECTION A: (40 MARKS)

1. What do we call the larva stage of a bee?

2. Why do some plants shed off their leaves during dry seasons?

3. State the importance of feathers to an ostrich.

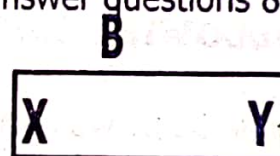
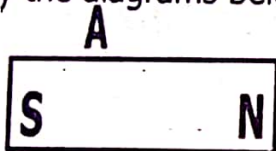
4. Name the non-metallic conductor of electricity in a dry cell.

5. How are pineapples propagated?

6. How are birds like ducks adapted to swimming in water?

7. What happens to the volume of a liquid when it is frozen?

Study the diagrams below and use them to answer questions 8 and 9.



8. If attraction takes place, determine pole Y of magnet B.

9. State the property of the magnet shown above.

10. What are anthropods?

11. Give any one cause of soil exhaustion in crop growing.

12. Why are school children advised to abstain from sex?

13. Name the farm practice that makes mating easy in sheep.

14. Write any one cause of drug abuse among adolescents.

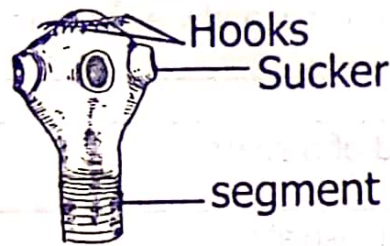
15. How can a passion fruit plant benefit from growing near a mango tree?

16. Identify the main cause of fainting in people.

17. State the vector that spreads elephantiasis.

18. Name any one scale used to measure temperature.

The diagram below shows the head of a tape worm. Use it to answer questions 19 and 20



19. What general name is given to the head of a tape worm?

20. Give one reason why the tape worm has no alimentary canal.

21. Name the enzyme which acts on food in the mouth.

22. State one disorder of the muscular and skeletal system.

23. Which body organ is destroyed by Hepatitis B?

24. In which way is wind useful to a crop farmer?

25. Why is DPT vaccine called a triple vaccine?

26. Identify the poultry keeping practice carried out to control egg eating.

27. State any one example of a legume.

28. How can a P.7 pupil find the volume of a stone?

29. Name the protozoan disease that attacks both rabbits and poultry.

30. State the role of a clinical thermometer to a doctor.

31. Name the compound leaf shown below.



32. Identify the component of soil that is formed by decomposition.

33. Give any one agent of seed dispersal.

34. State the difference between mass and weight in terms of basic units.

35. What is the gestation period of a sow?

36. Give any one example of an insulator.

37. How can echoes be reduced in a cinema theater?

38. State one solute used in the preparation of ORS.

39. How does heat from the sun reach people on earth?

40. Name the form of energy stored by a dry cell.

SECTION B: 15 Questions-60 marks

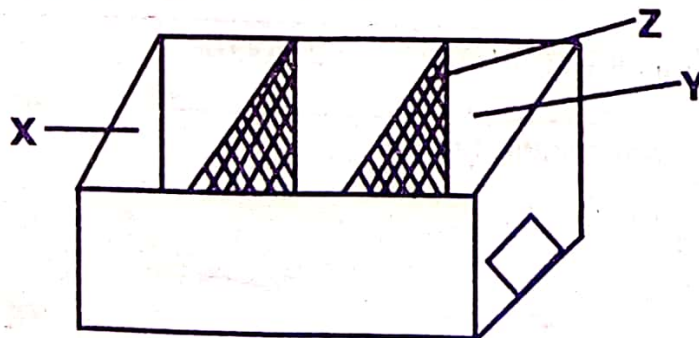
- 41a) State the main cause of a short circuit.

- b) Mention one condition which may lead to a short circuit.

- c) Give one danger of a short circuit.

- d) Suggest one way of preventing short circuits.

The diagram below shows a modern beehive. Study it and answer the questions that follow.



- 42a) Name the bee hive shown above.

b) State the importance of parts marked X and Y.

(i) X _____

(ii) Y _____

c) What is "swarming" as used in bee keeping?

43a) What is digestion?

b) Give the function of the teeth during digestion.

c) Suggest any one way of promoting the proper working of the digestive system.

44a) State the main reason why farmers keep fresian cattle.

b) How are the following tools useful on a cattle farm?

(i) Strip cup _____

(ii) Lactometer _____

c) Mention any one tick borne disease in cattle.

45a) Why is a dog classified as a vertebrate?

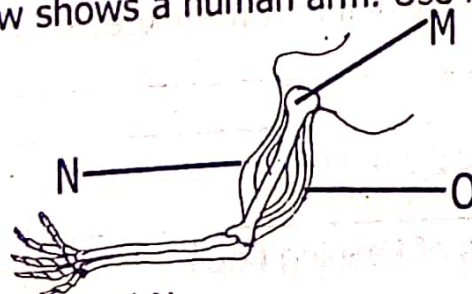
b) Under which group of mammals does a cow belong?

c) State any two major characteristics of mammals.

(i) _____

(ii) _____

The diagram below shows a human arm. Use it to answer questions that follow.



46a) Name the muscle marked N.

b) Name two other examples of long bones apart from the bone marked with letter M.

(i) _____ (ii) _____

c) What are antagonistic muscles?

47a) Explain the following terms as related to sound energy;

(i) Pitch of sound _____

(ii) Volume of sound _____

(iii) Frequency _____

b) In the space below, draw and name any one example of a percussion musical instrument.

48a) Give one reason why a frog is able to live both on land and in water comfortably.

b) State any two other examples of amphibians apart from frogs.

(i) _____ (ii) _____

c) Name the type of fertilization that amphibians undergo.

49a) In which way is poultry different from keeping poultry?

b) Give one type of poultry you know.

c) State any two systems of keeping poultry.

(i) _____ (ii) _____

50a) Which type of soil has fine particles?

b) Give any one use of the type of soil you have mentioned in (a) above.

c) Write down any two living components of soil.

(i) _____

(ii) _____

51a) State any two structural differences between an artery and a vein.

(i) _____

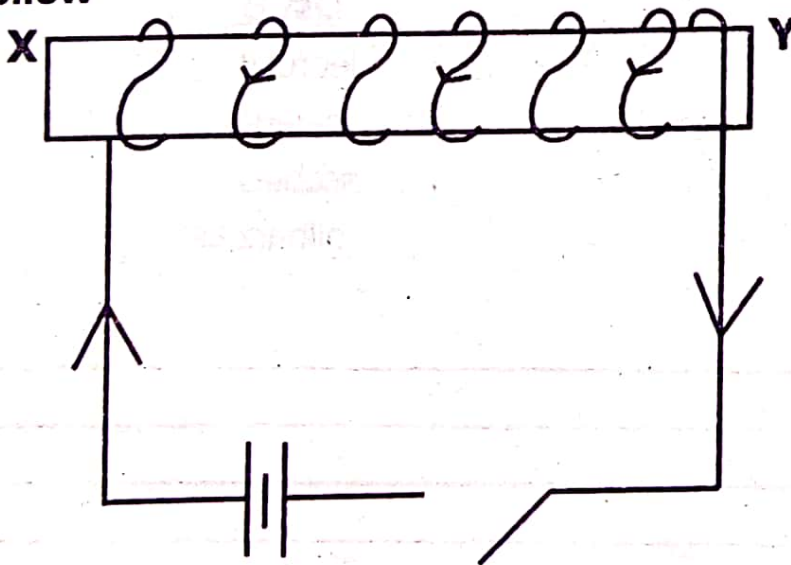
(ii) _____

b) How are the following components of blood important to the body?

(i) White blood cells _____

(ii) Red blood cells _____

52. Study the diagram below and use it to answer the questions that follow



a) Name the method of making magnets shown above.

b) Identify the poles marked;

(i) X _____

(ii) Y _____

c) Give any one way of determining the polarity of an electro magnet.

53a) What term is used to describe the organisms which destroy crops?

b) Identify any two examples of root crop pests

(i) _____ (ii) _____

c) State any one way of improving soil fertility.

54a) Identify any one disease a child who does not feed on balanced diet may suffer from.

b) Mention any two ways food can get contaminated.

(i) _____

(ii) _____

c) How is a housefly adapted to the spreading of germs?

55. Match germs in list A with the disease they cause in list B

List A

- (i) Plasmodia
- (ii) Schistosoma
- (iii) Bacteria
- (iv) Itchmites

List B

- leprosy
- malaria
- scabies
- bilharziasis

(i) **Plasmodia** _____

(ii) **Schistosoma** _____

(iii) **Bacteria** _____

(iv) **Itchmites** _____