



PEAK JUNIOR SCHOOL NAKABUGO

P.7 BEGINNING OF TERM I EXAMINATIONS

2025

INTEGRATED SCIENCE SET V

Time allowed: 2hours 15 minutes

Candidate's name:

Read the following instructions carefully:

1. This paper has two sections A and B.
Section A has 40 questions and section B has 15 questions.

FOR EXAMINER'S USE ONLY

2. Answer all questions. All the Working must be shown in the spaces provided.
3. All working must be done using a blue or black ball point pen or ink.
4. Unnecessary changes in your work and handwriting may lead to loss of marks.

SECTIONS	MARKS	COMM.
SEC A		
SEC B		
TOTAL		

5. Do not fill anything in the table indicated "For examiners' use only".

Turn Over

SECTION A (40 Marks)

1. State any one example of a dangerous object in the environment.

.....

2. In the space provided below, draw the female reproductive part of a flower.



3. Give one common characteristic of insects.

.....

4. What is a seed?

.....

5. Mention one industrial use of water to people.

.....

6. Name one method of deworming.

.....

7. What is calving in cattle keeping?

.....

8. How is garlic plant propagated?

.....

9. Give any one reason why sheep keeping farmers carry out docking in sheep.

10. Amos has pot belly stomach, gray hair and loss of weight, what food stuff would you advice Amos to eat in order to prevent the above condition?

The diagram below shows a fruit. Use it to answer question 11.



11. How is the above fruit dispersed in the environment?

12. Name one example of animals that belong to the class of crustaceans.

13. Write down any one spore producing plant in the environment.

14. Give one use of leaves to plants.

15. Name the weather instrument used to measure depth of water in the soil.

16. State the physical process in matter in which solids turn to gas.

17. Name the immunizable disease caused by polio virus.

.....
18. Why is it not advisable to put rabbit fur on a burnt part during firstaid?

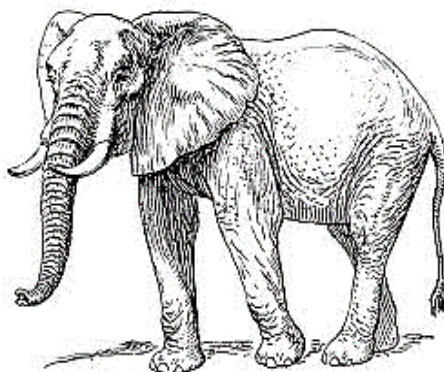
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19. Why is distilled water not safe for drinking?

.....
20. Give the function of water during germination of seeds.

.....
21. How is the trachea adapted to its function in breathing mechanism?

.....
22. Name the part of the ear which transforms sound waves to vibration in the ear.

.....
The diagram below shows a wild animal. Use it to answer question 23.

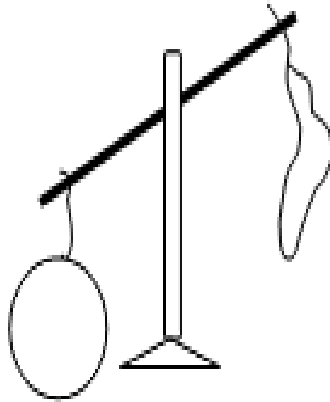


23. How is the above animal important in the environment?

.....
24. Identify one factor considered when carrying out crop rotation.

.....
25. State one importance of bush fallowing.

Study the diagram below and use to answer question 26



26. What property of matter is shown in the diagram above?

.....
27. Apart from recycle, write down one other **5Rs** in waste management.

.....
28. State one characteristic of biological changes.

.....
29. Define the term browsing in goat keeping.

.....
30. Write one type of artificial fertilizers.

.....
31. Give one way of promoting oral health.

.....
32. Why are lions referred to as carnivores mammals?

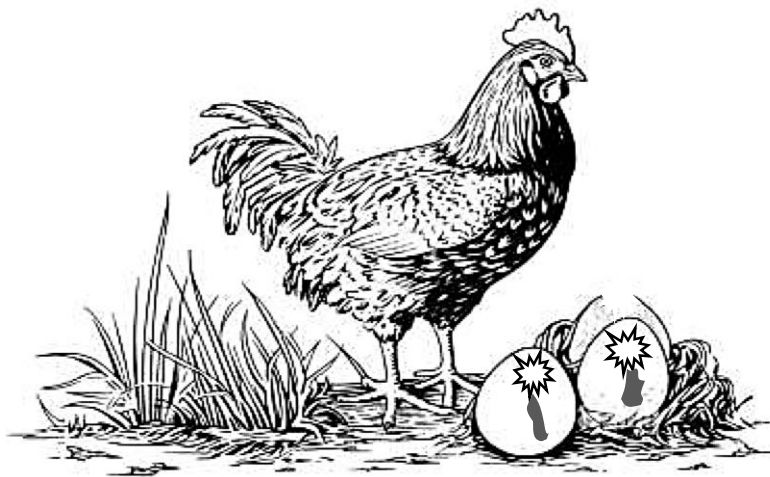
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33. Name the largest bee in the hive.

.....
34. How is chlorophyll useful during photosynthesis?

35. How can people prevent the spread of cholera without using drugs?

.....
36. Which vector is controlled by draining stagnant water?

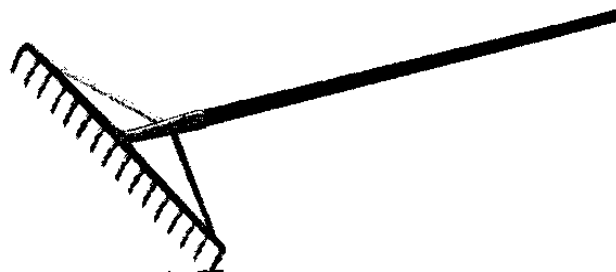
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37. Name the practice that can be used to control the poultry vice shown below.



.....
38. Name the solvent used to make **ORS**.

.....
39. Give one reason why bees swarm.

.....
40. How is the item below important at school?



SECTION B (60 Marks)

41. **Match items in list A to those in list B.**

List A

Beans

Fruits

Cassava

Water

List B

makes digestion easy

energy giving food

body building food

health giving food

a) Beans

b) Fruits

c) Cassava

d) Water

42. (a) Name one man made source of heat in the environment.

.....

(b) Give two ways sun heat is dangerous in the environment.

i)

ii)

(c) How does the heat from the sun help to dry wet clothes?

.....

43. (a) Mention one substance that can lead to scalds?

.....

(b) State the main reason for giving first aid.

.....

(c) State the use of an ambulance after an accident.

.....

(d) Name one component of a first aid kit.

.....

44. (a) Define the following:

i) Perennial crops

.....

.....

ii) Annual crops

.....

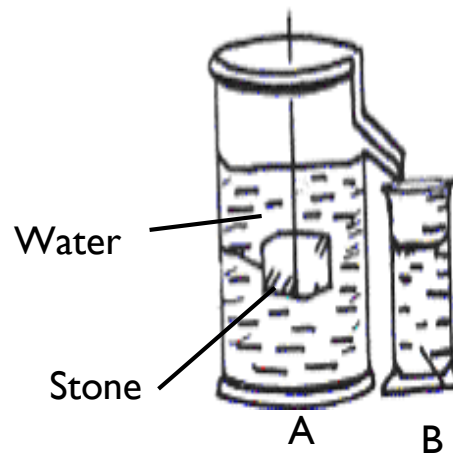
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(b) Give two examples of perennial crops.

(i)

(ii)

45. **Study the diagram below showing a method of finding volume of some group of objects.**



(a) Identify the method shown above.

.....

(b) Name the containers marked **A** and **B**.

i) **A**

ii) **B**

(c) Name the group of objects whose volume is measured using the method mentioned in (a) above.

.....

46. (a) Name the hardest part of a tooth.

.....

(b) Give the adaptation of the following types of teeth to their function:

i) Canine tooth.

.....

ii) Molar tooth.

.....
(c) How can a P.3 child prevent tooth decay?

.....
47. **The table below shows examples of enzymes and the food worked upon. Complete it correctly.**

Enzymes	Food worked upon
Salivary amylase	(iii)
(i)	Milk proteins
Trypsin	(iv)
(ii)	Fats

48. (a) What name is given to a document that shows the child's growth and immunization records?

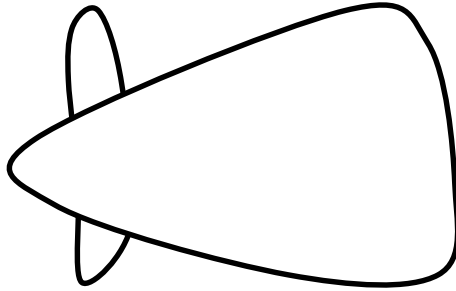
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(b) Name two features of the above document.

i)

ii)

(c) How useful is the above document to the parents of the child?

49. (a) Name the type of cattle shown below.



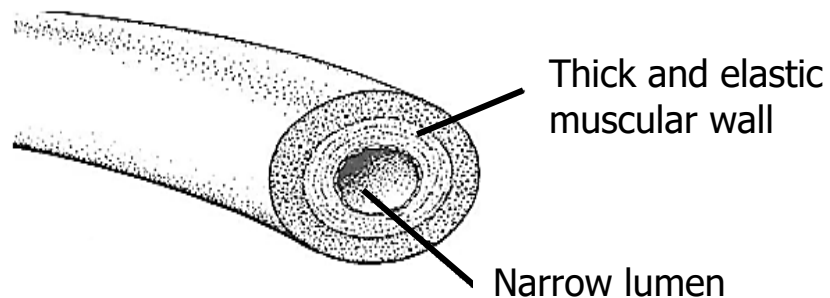
.....
(b) State the main product got from the above type of cattle.

.....
(c) Give two examples of the above type of cattle.

i)

ii)

50. **The diagram below is of a blood vessel study to answer questions that follow.**



(a) Name the blood vessel drawn above.

.....
(b) Give the main function of the above blood vessel.

(c) Apart from the above blood vessel, name one other example of blood vessel.

.....

(d) Give the function of hemoglobin in the blood.

.....

51. (a) Name the two types of brooding in poultry.

i) (ii)

(b) State one factor that may make an egg not to hatch after the period of incubation.

.....

(c) Give a reason why some birds lay eggs with porous egg shells.

.....

52. A pupil in P.7 class mixed sugar into water and it disappeared as he stirred.

(a) What scientific name is given to the following?

i) Water

ii) Sugar

(b) What term explains the disappearing of the sugar in water?

.....

(c) Name one other substance that behaves like sugar in water.

.....

53. (a) Identify the two main groups of bacteria.

i)

ii)

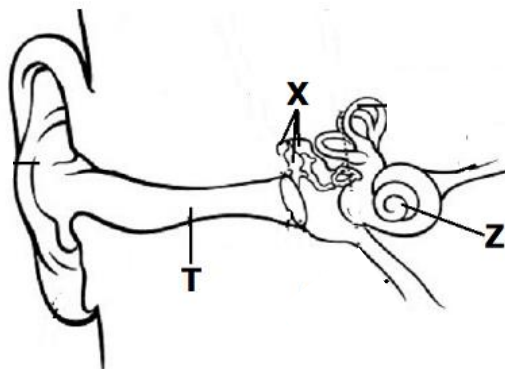
(b) In which way is bacteria useful to the soil.

.....

(c) Give one proper way of controlling bacterial diseases in people.

.....

54. **Below is a body organ. Use it to answer questions that follow.**



(b) Give the function of the following parts:

i) **T**

ii) **Z**

(c) Name one foreign body that can attack the body organ above.

.....

(d) Suggest any one suitable way of removing the foreign body you mentioned in (c) above.

.....

55. (a) Name the component of air needed for photosynthesis in plants.

.....

(b) Apart from the above component of air, what else do plants need for the process of photosynthesis?

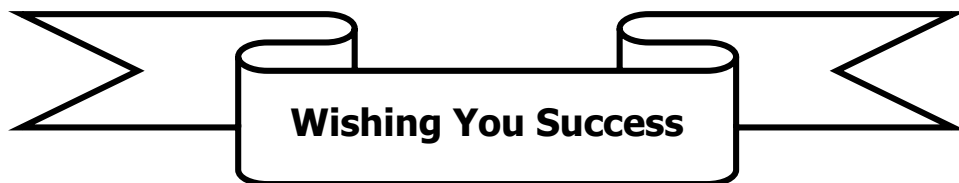
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(c) Give one reason why photosynthesis cannot take place at night.

.....

(d) Mention one bi – product of photosynthesis.

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THE END