

Primary Four Integrated Science

TIME ALLOWED: 2 HOURS 15 MINUTES

NAME _____

SCHOOL _____

STREAM _____

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 sections **A** and **B**.
- 2** Section **A** has **40** questions (**40** marks) and **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 and graph work be done in pencil.
- 5** Unnecessary crossing will lead to loss of marks.
- 6** Poor handwriting, which can not be easily read, may lead to loss of marks.

FOR EXAMINER'S USE ONLY

SECTION	SCORES	REMARKS
A		
B		
TOTAL		

Teacher's comment to the pupil

ORGANISED BY:



THE JEROX EDUCATIONAL CONSULTANCY KAMPALA

PUBLISHERS OF: THE JEROX HOLIDAY PACKAGES, PUPILS DAILY ACTIVITY BOOKS, READING AND SPELLING STRATEGY BOOKS

P.O BOX 12441 KAMPALA TEL: 0776253661 / 0701253661 / 0753253661

SECTION A (40 marks)

(Questions 1 to 40 carry **one** mark each)

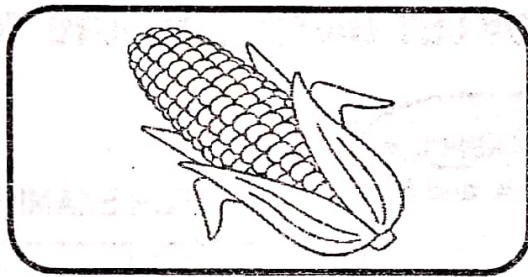
1. Which body organ is used for seeing?

2. State any **one** way of keeping one's body clean.

3. Name the domestic animal that eats rats in a home.

4. Give **one** use of food to our bodies.

Use the diagram below and answer the question 5.



5. Why are seeds in the structure above called monocotyledonous?

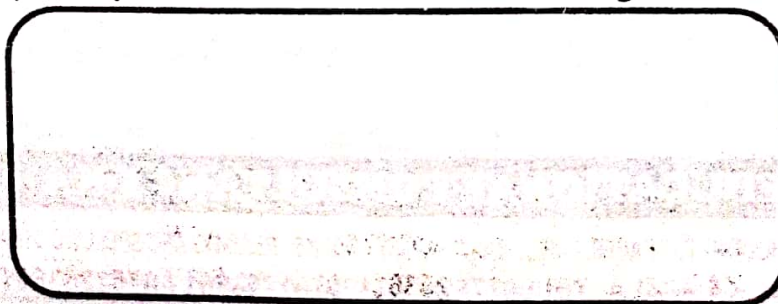
6. Mention any **one** thing made out of clay.

7. How are houseflies dangerous to people?

8. Give **one** reason why we eat food.

9. Identify **one** flowering plant you know.

10. In the space provided below, draw a diagram of incisor tooth.



11. Which element of weather provides light to the environment?

12. How are trees useful to people?

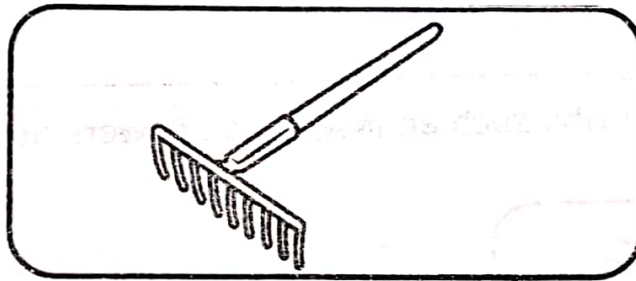
13. Mention any **one** example of a communicable disease.

14. In which way are spiracles useful to an insect?

15. Give any **one** example of a land animal.

16. Give any **one** reason why mosquitoes bite people.

Below is a garden equipment. Study and use it to answer questions.



17. Identify the above garden tool.

18. Give **one** use of the above garden tool to a farmer.

19. Give any **one** use of legs to a bird.

20. State **one** way of controlling pests in the garden.

21. How many teeth make up the milk set of teeth?

22. Name the process by which plants lose water to the atmosphere.

23. Why is loam soil the best soil for crop growing?

24. Write any **one** way of keeping our homes clean.

25. Mention any **one** local method of food preservation.

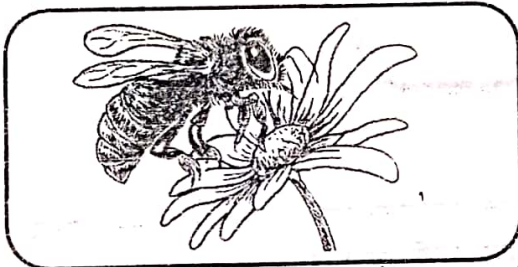
26. Identify **one** domestic animal which gives us milk.

27. How is the above named animal in (26) protect itself from danger?

28. State any **one** way of controlling the spread of cholera.

29. What is wind?

30. Give any **one** reason why such an insect visit flowers as shown in the diagram.



31. State any **one** importance of physical exercise.

32. Give any **one** importance of bathing to people.

33. What term refers to "anything good to eat or drink"?

34. How does a chameleon protects itself against danger?

35. Name the smallest holes on the leaves used for breathing.

36. State any **one** danger of accidents to people.

37. Give any **one** way of controlling worm infestation at home.

38. Name **one** natural source of water.

39. Give any **one** way you care for sick people at home.

40. How is dehydration dangerous to people?

SECTION B (60 Marks)

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

41. **Identify the sense organ for;**

- (i) Hearing _____
- (ii) Tasting _____
- (iii) Feeling _____
- (iv) Smelling _____

42. (a) What are communicable diseases?

(b) List any **three** examples of communicable diseases you know.

- (i) _____
- (ii) _____
- (iii) _____

43. (a) What is sanitation?

(b) State any **two** ways of promoting sanitation.

- (i) _____
- (ii) _____

(c) Name any **one** tool used to promote sanitation.

44. (a) Name **one** item found in the first aid box.

(b) Give **two** reasons why first aid is given to casualties.

(i) _____

(ii) _____

(c) Write any **one** example of a dangerous object.

45. (a) The table below shows elements of weather in list A and the use of each element of weather in list B. Match them correctly.

List A: Elements of weather	List B: Use of each element of weather.
i) Sunshine	A source of water.
ii) Rainfall	Help to bring rain.
iii) Wind	A source of light and heat.
iv) Clouds	Can be used for flying balloons.

(i) Sunshine _____

(ii) Rainfall _____

(iii) Wind _____

(iv) Clouds _____

46. (a) Name the **two** types of pollination.

(i) _____

(ii) _____

(b) Name any **one** agent of pollination.

(c) Why are petals of some flowers brightly coloured?

47. (a) Mention any **two** examples of annual crops.

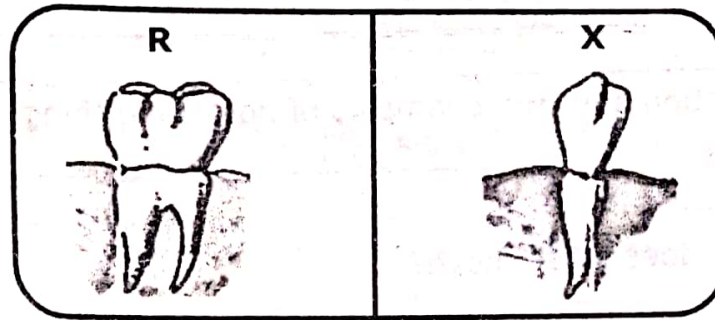
(i) _____

(ii) _____

(b) Give any **one** way of caring for annual crops in the garden.

(c) Write any **one** example of a crop pest that affects crops in the garden.

48. Below are structures of teeth. Study and use them to answer questions.



(a) Name the tooth marked **R** and **X**.

(i) **R** _____

(ii) **X** _____

(b) How many roots has tooth marked **X**?

(c) How can we care for our teeth?

49. (a) Draw these things used to keep our body clean.

soap	tooth brush

(b) What term describes the general cleanliness of the body?

(c) Give **one** disease got from poor personal hygiene.

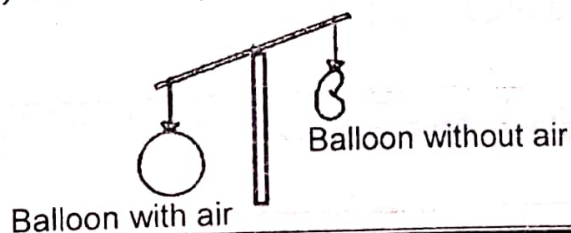
50. (a) What is air?

(b) Name any **two** components of air.

(i) _____

(ii) _____

(c) Name the property of air shown below.



51. (a) Write any **two** characteristics of living things.
(i) _____
(ii) _____
(b) Mention any **two** examples of non-living things.
(i) _____
(ii) _____
52. (a) How does a fish move?

(b) Apart from water, name **one** other place where wild animals live.

(c) Give any **two** uses of animals to people.
(i) _____
(ii) _____
53. (a) Write **two** examples of insect vectors
(i) _____
(ii) _____
(b) State any **one** way in which vectors spread diseases.

(c) Give any **one** way of controlling insect vectors.

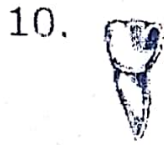
54. (a) Suggest any **two** breeds of rabbits.
(i) _____
(ii) _____
(b) What name is given to the young one of a rabbit?

(c) Give **one** reasons why rabbits hutch is raised above the ground.
(i) _____
(ii) _____
55. (a) Name **two** materials for making **ORS** locally.
(i) _____
(ii) _____
(b) Why is **ORS** given to dehydrated people?

(c) What is the first step in making **ORS** locally?

SECTION A

1. Eye.
2. By regular bathing/Grooming finger nails and hair.
3. Cats.
4. Helps to build the body/Keeps the body healthy.
5. They have one cotyledon.
6. Pots/Cups/Plates/Flower vase.
7. Houseflies spread disease causing germs to people.
8. To stop hunger /To get energy/Grow.
9. Bean plants/Mango/Guava/Millet/ Sorghum/ Maize.



11. Sunshine.
12. Provides oxygen to people/Source of food/ Provide shade.
13. Ebola/Covid 19/HIV/AIDs/Gonorrhea.
14. For breathing.
15. Lion/Monkey/Cow/Goat/Sheep/Elephant.
16. To get food/To suck blood.
17. A rake.
- ~~18. For collecting rubbish in the garden.~~ ^{Cut weeds}
19. For protection/For walking.
20. Crop rotation/Fencing the garden.
21. 20 teeth.
22. Transpiration.
23. Loam soil contains a lot of humus/Soil nutrients. 4
24. By proper disposal of human wastes/Sweeping the compound/By slashing tall grass around the compound. 4
25. Sweeping /Mopping. 4
26. Cow/Goats.
27. By using horns.
28. Proper disposal of human wastes/Sweeping the compound/Proper sanitation. 4
29. Wind is air in motion/ Wind is moving air.
30. To collect nectars.

UR SCIENCE END OF TERM III I

31. Make the body stronger/Maintain proper working of body organs/Keep the body health.
32. Controls body smell/Controls skin diseases/Cools temperature.
33. Food.
34. By changing its colour.
35. Stomata.
36. Leads to pain/leads to death/Lameness/Loss of body parts.
37. Eating well cooked meat/Washed fruits/Wearing sandals in wet places.
38. Rain/Lakes/Rivers/Seas.
39. By giving them food/Taking them to the hospital.
40. Leads to death.

SECTION B

41. (i) Ear.
(ii) Tongue.
(iii) Skin.
(iv) Nose.
42. (a) Are diseases which can be spread from one infected person to an healthy one.
(b) Ebola/Covid-19/HIV/AIDS.
43. (a) Is the keeping our surrounding clean.
(b) By sweeping the compound/By collecting rubbish in the compound/Proper disposal of human wastes.
(c) Brooms/Slasher/Hoe.
44. (a) Cotton wool/Plates/Spirits/Plaster/Pair of scissors.
(b) To save life/To reduce pain/To promote recovery.
(c) Broken glass/Needle/Thorns/Broken bottle.
45. (i) Sunshine – a source of light and heat.
(ii) Rainfall – a source of water.
(iii) Wind – Can be used for flying balloons.
(iv) Clouds – Help to bring rain.
46. (a) Self - pollination/Cross pollination.
(b) Wind/Insects e.g bees.
(c) To attract pollinators.

47. (a) Bean crops/maize/Cassava/Groundnuts.
(b) By mulching/Weeding/Spraying.
(c) Rats/Monkey/Squirrels.

48. (a) **R** – Molar tooth
X – Canine tooth
(b) One root.
(c) By regular brushing/Visiting the dentist regularly.

49. (a) 



Soap

Tooth brush

- (b) Personal hygiene.
(c) Scabies/Ringworm.
50. (a) Air is the mixture of gases in the atmosphere.
(b) Oxygen/Carbon dioxide/Nitrogen.
(c) Air has got weight.
51. (a) They breath/They grow/They feed/Reproduce/
Excrete.
(b) Chair/Stones/Books/Pens.
52. (a) By swimming.
(b) Bush/Forest.
(c) Source of food/Source of income/Provide manure.
53. (a) Houseflies/Mosquito/Cockroaches.
(b) By biting animals/By vomiting germs in food.
(c) By promoting sanitation/Covering leftover food.
54. (a) Angora rabbits/Dutch rabbits/Californian rabbits.
(b) Kitten.
(c) To prevent enemies from entering the hutch/
To prevent running water from entering the hutch/
To prevent rabbits from ground predators.
55. (a) Salt/Sugar/Clean cold boiled water.
(b) To replaced lost water, mineral salts and energy in the body.
(c) Washing hands and contains with clean water and soap.