

**DREAM AFRICA SCHOOL - KIREKA**  
**BEGINNING OF TERM THREE EXAMINATIONS, 2019**

**CLASS : PRIMARY FOUR**  
**SUBJECT : SCIENCE**

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**Name:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SECTION A (40 MARKS)**

1. Name any one element of weather.

\_\_\_\_\_

2. What food value do we get from eating mushrooms?

\_\_\_\_\_

3. Name the best season for harvesting crops.

\_\_\_\_\_

4. What instrument is used to measure human body temperature?

\_\_\_\_\_

5. Why should we wash fruits properly before eating them?

\_\_\_\_\_

6. Name the clouds that form rain.

\_\_\_\_\_

7. What does a fish use to detect danger in water?

\_\_\_\_\_

8. How can we prevent metallic garden tools from rusting?

\_\_\_\_\_

9. State any one way how germs enter our bodies.

\_\_\_\_\_

10. Why are plants called living things?

\_\_\_\_\_

11. State any one use of forests to man.

\_\_\_\_\_

12. Name the vector that spreads trachoma.

\_\_\_\_\_

13. State any one use of sand in the community.

\_\_\_\_\_

14. Mention one way how people get food.  
\_\_\_\_\_
15. Name the mineral salt that makes our bones and teeth strong.  
\_\_\_\_\_
16. In which one way is a spider different from a housefly?  
\_\_\_\_\_
17. What is the use of feathers to a bird?  
\_\_\_\_\_
18. Name any one example of a natural change in the environment.  
\_\_\_\_\_
19. Identify any one item used in promoting personal hygiene.  
\_\_\_\_\_
20. Name the component of air that supports burning.  
\_\_\_\_\_
21. Which vitamin is responsible for healthy eyes?  
\_\_\_\_\_

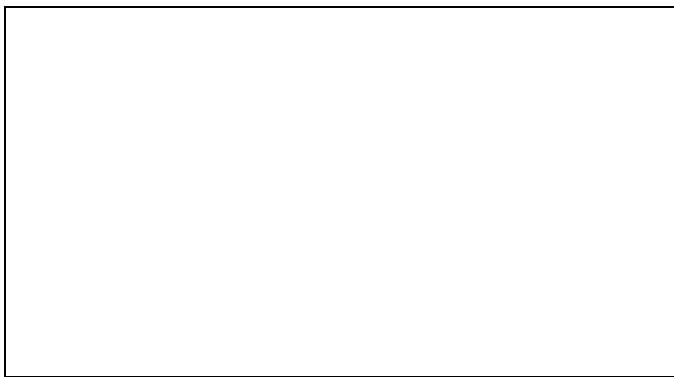
**The diagram below shows a tooth. Use it to answer questions 22 and 23.**



22. What name is given to the tooth shown above?  
\_\_\_\_\_
23. Give the function of the above tooth during digestion.  
\_\_\_\_\_
24. Give one example of germs.  
\_\_\_\_\_
25. Why does a stone sink in water?  
\_\_\_\_\_
26. Why do birds move from one place to another?  
\_\_\_\_\_
27. Mention the type of soil that holds water for a long time.  
\_\_\_\_\_

28. What is a balanced diet?  
\_\_\_\_\_
29. Name the immunisable disease of human lungs.  
\_\_\_\_\_
30. Why is carbon dioxide used in fire extinguishers?  
\_\_\_\_\_
31. Name one traditional method of preserving meat?  
\_\_\_\_\_
32. Give the result of the sun's heat on a lake.  
\_\_\_\_\_
33. Why is a maize grain grouped under fruits?  
\_\_\_\_\_
34. Which part of the skeleton protects the human heart from physical damage?  
\_\_\_\_\_
35. Name the part of a bean seed which stores its food.  
\_\_\_\_\_
36. Why can't mushrooms make their own food?  
\_\_\_\_\_
37. Name the sense organ that helps the body to get vitamin D.  
\_\_\_\_\_
38. What is the use of ligaments in the body?  
\_\_\_\_\_
39. Why are bean plants grouped under leguminous crops?  
\_\_\_\_\_

**40. In the space below, draw a stamen.**



**SECTION B (60 MARKS)**

41. a) What is pollination?

\_\_\_\_\_

b) Mention two agents of pollination.

- i) \_\_\_\_\_
- ii) \_\_\_\_\_

c) What do you think will happen to the flower if pollination does not take place?

\_\_\_\_\_

42. a) What is dental hygiene?

\_\_\_\_\_

b) Mention one way of taking care of our teeth.

\_\_\_\_\_

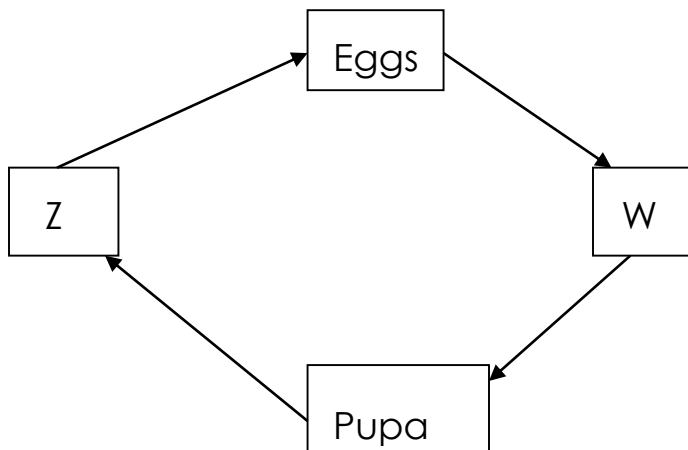
c) How important are pre-molars during the process of digestion?

\_\_\_\_\_

d) Identify any one disease that affects the teeth.

\_\_\_\_\_

43. ***The diagram below shows the stages of growth of an insect. Study it carefully and answer the questions that follow.***



a) Name the type of life cycle shown above.

\_\_\_\_\_

b) Name the stages shown by the letters W and Z.

W \_\_\_\_\_

Z \_\_\_\_\_

c) Give one example of insects which go through the above stages.

\_\_\_\_\_

44. a) What are social insects?

b) Give two examples of social insects.

i) \_\_\_\_\_

ii) \_\_\_\_\_

c) Mention one way in which man benefits from some insects.

45. **Match the animals in list A to their movement in list B.**

**A**

- i) Fish
- ii) Chameleon
- iii) Snake
- iv) Frog

**B**

- hopping
- gliding
- swimming
- flying
- walking

i) Fish

\_\_\_\_\_

ii) Chameleon

\_\_\_\_\_

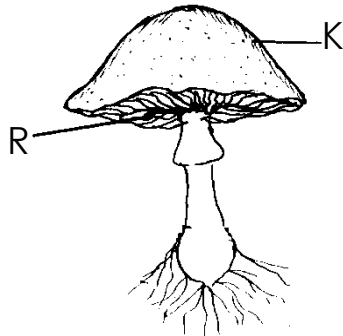
iii) Snake

\_\_\_\_\_

iv) Frog

\_\_\_\_\_

46. **Study the diagram of a plant below and answer the questions that follow.**



a) Name parts marked K and R.

i) K \_\_\_\_\_

ii) R \_\_\_\_\_

b) Give any one use part marked R.

\_\_\_\_\_

c) State any one importance of mushrooms to man.

\_\_\_\_\_

47. a) Define soil erosion.

b) Give two agents of soil erosion.

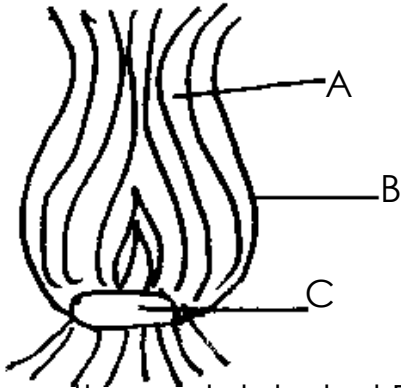
i) \_\_\_\_\_

ii) \_\_\_\_\_

c) How do farmers in hilly areas control soil erosion?

\_\_\_\_\_

48. **The diagram below shows the internal structure of an Onion. Use it to answer questions that follow.**



a) Name the parts labeled B and C.

i) B \_\_\_\_\_

ii) C \_\_\_\_\_

b) Which letter shows the stem of the Onion?

\_\_\_\_\_

c) What type of stem does the plant above have?

\_\_\_\_\_

49. a) What is ORS in full?

\_\_\_\_\_

b) Write the first step in preparing ORS.

\_\_\_\_\_

c) Name one item used to make ORS.

\_\_\_\_\_

d) Why should a P.4 child suffering from diarrhoea be given ORS?

\_\_\_\_\_

50. a) Name any two types of Food Path.

i) \_\_\_\_\_

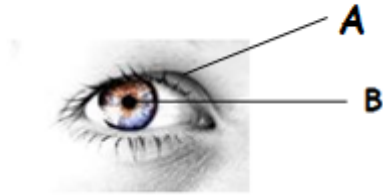
ii) \_\_\_\_\_

b) Write two ways you can care for crops.

i) \_\_\_\_\_

ii) \_\_\_\_\_

**51. The diagram below shows an organ. Study it carefully and answer the questions that follow.**



a) Name the sensory organ shown above.

\_\_\_\_\_

b) Name part marked B.

\_\_\_\_\_

c) What is the use of part labeled A on the organ?

\_\_\_\_\_

d) Mention one deficiency disease that attacks the organ above.

\_\_\_\_\_

**52. a) What is leaf venation?**

\_\_\_\_\_

b) Give two types of leaf venation.

i) \_\_\_\_\_

ii) \_\_\_\_\_

c) Which type of venation do monocotyledonous plants have?

\_\_\_\_\_

**53. a) What is germination?**

\_\_\_\_\_

b) Give the two types of germination.

i) \_\_\_\_\_

ii) \_\_\_\_\_

c) State any one condition needed for a seed to germinate.

\_\_\_\_\_

54. a) What is an accident?

\_\_\_\_\_

b) Mention two examples of accidents common at home.

i) \_\_\_\_\_

ii) \_\_\_\_\_

c) Who is a casualty?

\_\_\_\_\_

55. a) List any two natural sources of water.

i) \_\_\_\_\_

ii) \_\_\_\_\_

b) Give two uses of water in our daily life.

i) \_\_\_\_\_

ii) \_\_\_\_\_

**END**