DREAM AFRICA SCHOOL - KIREKA
BEGINNING OF TERM THREE EXAMINATIONS, 2019
CLASS : PRIMARY FOUR
SUBJECT : SCIENCE

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.

_____

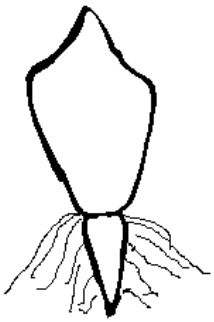
20. Name the component of air that supports burning.

_____

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.

_____

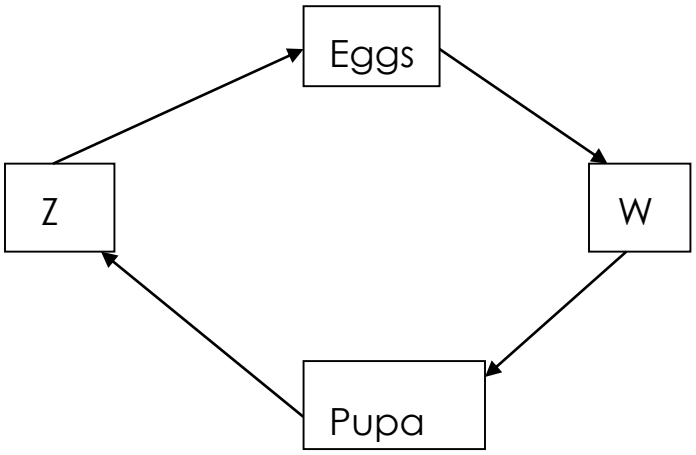
c) How important are pre-molars during the process of digestion?

_____

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 <u>list A</u> to their movement in <u>list B</u>.

A	**B**
i) Fish	hopping
ii) Chameleon	gliding
iii) Snake	swimming
iv) Frog	flying
	walking

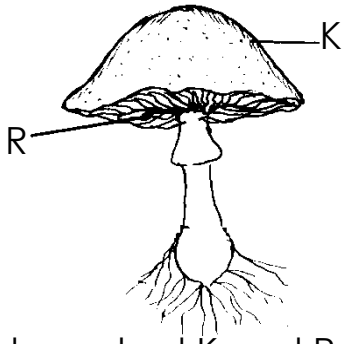
i) Fish _____

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.

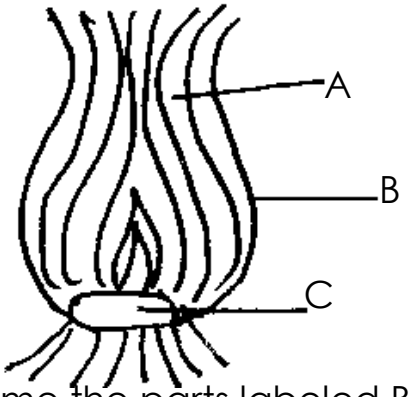
i) _____

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) _____

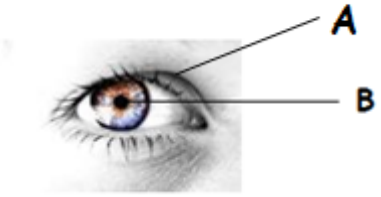
ii) _____

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