

KAMPALA JUNIOR ACADEMY

HOLIDAY WORK SET TWO TERM I 2020

PRIMARY FIVE

INTEGRATED SCIENCE

Time allowed: 2 hours 15 minutes

Name: _____

School: _____

Read the following instructions carefully:

1. The paper has **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 Sections **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. Diagrams should be drawn in pencil.
6. Unnecessary crossing of work may lead to loss of marks.
7. Any handwriting that cannot be easily read may lead to loss of marks.
8. Do **not** fill anything in the boxes indicated;
For Examiner's use only.

FOR EXAMINER'S USE ONLY

FOR EXAMINER'S USE ONLY

Qn. No	MARK	SIGN
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 43		
44 – 46		
47 – 49		
50 – 52		
53 – 55		
TOTAL		

Turn over

SECTION A

1. Name the part of a skeleton which protects the brain.

2. Give the germ which causes trachoma.

3. What happens to ovules after fertilization?

4. Why are insects like bees called social insects?

5. Give one example of fungi.

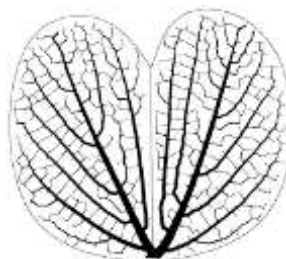
6. Which process leads to formation of soil?

7. How does oiling prevent rusting in metals?

8. Mention the type of chicken kept for egg production.

9. What is the cause of dehydration in man?

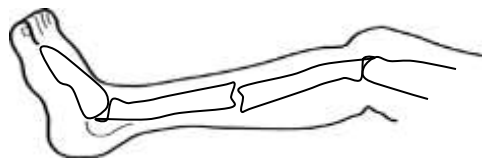
Study the structure of a leaf below and answer question 10.



10. What type of venation is shown in the diagram above?

-
11. How are the feelers important to an insect?
-
12. Name the living organism that reproduces by means of spores.
-
13. Why is water called a universal solvent?
-
14. State any one function of calcium in the body.
-
15. Why do you think photosynthesis does not take place at night?
-
16. Why should parents take their children for immunization?
-
17. State one way in which hens are important in preventing deficiency diseases.
-
18. Suggest one way farmers can improve the quality of local breeds of poultry.
-

The diagram below shows a fracture. Study it and answer question 19.



19. What first aid can you give to a casualty with an injury as shown in the diagram above?
-
20. State any one disadvantage of too much rainfall to crop farmers.
-
21. Give one traditional method of preserving fish used in your district.
-
22. State any one way in which man depends on plants.

23. In which part does the digestion of food in man end?

24. Why does a stone sink in water?

25. Which food value do we get from posho?

26. Which body organ is used to filter blood in the body?

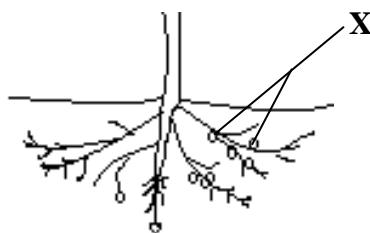
27. Why should we brush our teeth regularly?

28. Name the germ that causes malaria.

29. Why do some plants climb others?

30. Why should we boil water for drinking?

The diagram below shows a root system. Study it carefully and answer question 31.



31. State the function of the structures marked **X**.

32. Give one importance of transpiration to plants.

33. How is friction useful to pupils in class?

34. Why do animals move from one place to another?

35. Write down one stage in a village food path.

36. How are earthworms useful to farmers?

37. Mention one crop propagated by stem-cutting.

38. Why is loam soil the best for growing crops?

39. What is immunity?

The diagram below is of a tooth. Study it and answer question 40.

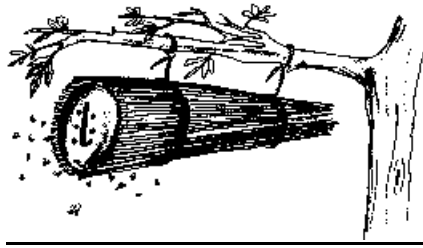


40. What is the function of the above tooth?

SECTION B (60 MARKS)

(Questions in this section carry 4 marks each)

41. Study the diagrams of bee hives below, and use them to answer the questions that follow



- (a) Name the type of beehive marked with letter **A** and **B**.
 - (i) **A** _____
 - (ii) **B** _____
- (b) How useful is the part marked **X** in the beehive.

- (c) State one advantage of the type of beehive marked with letter **B**

42. Match the vectors in list A to the diseases they spread in list B

A	B
Aedes mosquito	Trachoma
Housefly	Yellow fever
Blackfly	Elephantiasis
Culex mosquito	River blindness

- (i) Aedes mosquito _____
 - (ii) Housefly _____
 - (iii) Blackfly _____
 - (iv) Culex mosquito _____
43. (a) Write O.R.S in full.

- (b) What is the first step in the preparation of O.R.S?

- (c) Why is the water used for preparation of O.R.S boiled before?

(d) Identify one mineral salt lost during the pass out of diarrhoea.

44. Give one example of each of the following types of crops.

(i) cereals _____

(ii) legumes _____

(iii) fruits _____

(iv) root tubers _____

45. (a) What is weather?

(b) Identify the weather instrument used for;

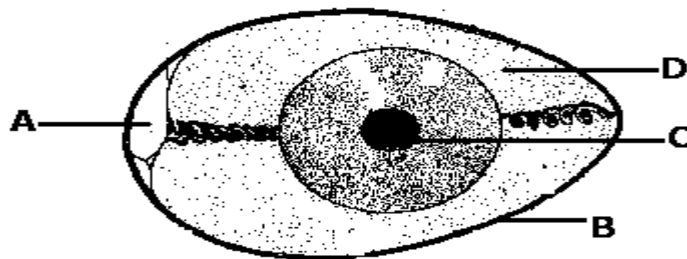
(i) measuring speed of wind _____

(ii) showing direction of wind _____

(c) Why is a Stevenson screen important in a weather station?

46. (a) What is Poultry Keeping?

Study the diagram of an egg below and answer the questions that follow.



(b) Name the parts marked **A** and **D**.

(i) **A.** _____

(ii) **D.** _____

(c) Why is part **B** porous?

47. (a) What is a nursery bed?

(b) Mention two crops whose seeds are first planted in a nursery bed.

(i) _____

(ii) _____

(c) Why should transplanting seedlings be done in the evening?

48. (a) Write P.H.C in full.

(b) Identify one activity a P.5 pupil can do to promote personal hygiene.

(c) Why do we iron our clothes?

(d) Which element of P.H.C helps to control infant killer diseases?

49. (a) What scientific word refers to giving birth by a doe?

(b) Wasswa's rabbit has difficulty in breathing. What disease could it be suffering from?

(c) Name any two exotic breeds of rabbits.

(i) _____

- (ii) _____
50. (a) What is mulching?

- (b) Give any two reasons why farmers mulch their gardens.
(i) _____
(ii) _____
- (c) State any one method of removing weeds from crops.

51. **Use the diagram below to answer questions that follow.**



- (a) Name the type of feathers shown above.

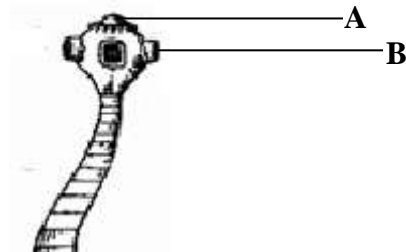
- (b) Name parts marked **A** and **B**.
(i) **A** _____
(ii) **B** _____
- (c) Identify any one use of feathers to birds.

52. (a) What is sanitation?

- (b) Identify any two activities people do to keep their homes clean.
(i) _____
(ii) _____

(c) How is sanitation useful to the community?

53. The diagram below shows the head of a worm.



(a) Name the type of worm shown.

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

(i) **A** _____

(ii) **B** _____

(c) How does the above worm enter our bodies?

54. (a) What are crop pests?

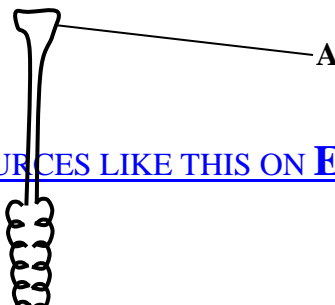
(b) Give two examples of insect pests.

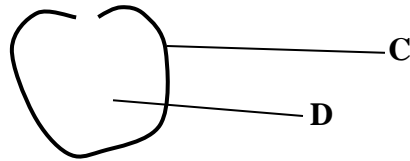
(i) _____

(ii) _____

(c) State one way of controlling crop pests.

55. Study the diagram below and answer the questions that follow.





(a) What general name is given to the part of a flower shown above?

(b) Name the part marked **A**.

(c) What will the following parts develop into after fertilization

(i) Part **C**?

(ii) Part **D**?

Good luck

