**Science & Technology and Agriculture - Grade 4 Term 1 Exam 2023 SET 1**

1. The **two** kinds of things in the environment are:
	1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. The things that eat, breathe and grow are called? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. Things that do not eat, breathe or grow are called? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. Plants feed by making their own food through the process called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. During the day green plants take in part of the air called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and give out \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
6. Boys planted cooked maize and beans seeds in soil, did the seed germinate? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
7. When a plant grows it moves in the direction of? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. What is the name of the items drawn below.
	1. 
	\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	2. 
	\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
9. The animals kept at home are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
10. Name **four** domestic animals that you know.
	1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
11. Animals that feed on plants are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
12. The animals that feed on meat only are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
13. Several young ones born at the same time to the same mother are known as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
14. Ducks reproduce by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
15. The solid wastes removed by animals is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
16. A dog removes its tongue and pants when the weather is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
17. The animals with a backbone are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
18. **Fill the chart below**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_              \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_              \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_              \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
**(dog, hen, snail, butterfly, grasshoper, man)**
19. The breaking down of food into small particles that are absorbed by our bodies is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_,
20. Digestion of food starts in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and ends in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
21. The large intestines are also called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
22. Human being has \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ types of teeth (4, 32, 20)
23. Which type of tooth is used for biting food \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
24. **Draw a molar**
25. Write **three** types of food that are harmful to our teeth
	1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**AGRICULTURE**

1. The **three** major types of soils are
	1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Which is the **best** soil for farming? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Which soil has very fine particles? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Which soils keeps a lot of water for a long time? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Which soil is likely to be found in areas that floods easily after rains? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. The type of manure made from plants and kitchen wastes is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. State **four** uses of water in the farm.
	1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. The **best** method of irrigation that saves water is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
9. **Draw the drip irrigation in space below**

**MARKING SCHEME**

1. 1. **Living things**
	2. **Non-living things**
2. **Living Things**
3. **Non-living Things**
4. **Photosynthesis**
5. **Carbon dioxide, oxygen**
6. **No**
7. **light**
8. 1. **Gumboots**
	2. **Gloves**
9. **Domestic animals**
10. **Dog, cow, cat, goat,**
11. **Herbivores**
12. **Carnivores**
13. **twins**
14. **laying eggs**
15. **stool/feaces**
16. **hot**
17. **vertebrates**
18. 1. **vertebrates-dog, hen,man**
	2. **invertebrates- snail, butterfly, grassshoper**
19. **Digestion**
20. **mouth, small intestines**
21. **Colon**
22. **32**
23. **Canines**
24.
25. **sweets, candy, cakes, sugar**

**AGRICULTURE**

1. 1. **Sand**
	2. **Loam**
	3. **Clay**
2. **Loam**
3. **Clay**
4. **Clay**
5. **Clay**
6. **compost**
7. **water plants, feed cattle**
8. **drip irrigation**