A close up of a sign

Description automatically generated

**Science Year 7 2021**

**Task 6 – Classification Biology Test (M)**

**Weighting – 20%**

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mrs Davies Mr Matthews Ms Van Wees Mrs Wiltschut Mr Wheeler

Section 1: Multiple Choice \_\_\_\_\_\_/ 9 marks

Section 2: Short Answer \_\_\_\_\_\_\_/ 27 marks

**Total: \_\_\_\_\_\_/ 36 Marks %**

**Section One: Multiple choice (10 marks)**

*Select the most correct answer*

1. Out of these animals: cat, dog, bird, which is the odd one out?
2. Bird
3. Cat
4. Dog
5. A vertebrate is an animal:
6. that can fly
7. that lives on land
8. that has a backbone
9. Which of the following is **NOT** a member of the **plant** kingdom?
10. trees
11. mushrooms
12. grass
13. What are three major **CHARACTERISTICS** of mammals?
14. they have hair, scales and feed milk to their young
15. they have hair, lay eggs and can photosynthesise
16. they have hair, are warm-blooded and feed milk to their young
17. A decomposer is:
18. an organism that breaks down dead or decaying organisms
19. an organism that can make its own food from sunlight
20. an animal that hunts down it’s prey
21. A producer’s role in an ecosystem is to:
22. produce offspring
23. use the sun’s energy to produce energy
24. eat other organisms
25. Select the level of classification in which there are the **MOST** organisms:
26. Kingdom
27. Order
28. Species
29. The scientific name of an organism, such as *homo sapien,* comes from combining the:

1. Genus and species
2. Kingdom and phylum
3. Genus and the name of the scientist who discovered it
4. Which is an example of a predator - prey relationship?
5. A horse eating grass
6. A tick on a deer
7. A fox eating a rabbit

**Section Two: Short Answer (27 marks)**

11. Match the characteristics and examples to the correct class of vertebrate. (3 marks)

|  |  |  |
| --- | --- | --- |
| **Vertebrate** |  | **Characteristic & Example** |
| **Reptiles** |  | Soft and slimy skin, have gills when young  Example - Frog |
| **Mammals** |  | Usually covered in scales  Example - Snake |
| **Amphibian** |  | Have hair or fur, feed young milk  Example - Rabbit |

12. Identify the seven characteristics that are used to identify if something is living or not.   
 (7 marks)

M - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

R - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

S - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

G - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

R - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

E - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

N - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

13. Write the missing levels of classification in the list below in the correct space. Choose   
 from the words below. (4 marks)

***Species Family Phylum Class***

|  |
| --- |
| Kingdom |
|  |
|  |
| Order |
|  |
| Genus |
|  |

14. Use the dichotomous key below to answer the questions

A picture containing text

Description automatically generated

1. What is the name of the yellow alien? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (1 mark)
2. What is the name of the green alien? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (1 mark)

15. Use the food web below to answer the following questions.

Diagram

Description automatically generated

1. Identify one of each of the following: (2 marks)

Producer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Secondary consumer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Name one animal that eats **BOTH** gum trees AND grass. (1 mark)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Name one **PREDATOR** in the food web. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (1 mark)
2. What would happen to the **number of lizards** if the crickets were to DISAPPEAR from the food web. (1 mark)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Diagram

Description automatically generated

16. Fill in the blanks of the below dichotomous key using the above images. (6 marks)

**Green Skin**

**Yes**

**No**

**Has Two Legs**

**Has a Shell**

**Yes**

**No**

**No**

**Yes**

**Long Neck**

**Beak**

**No**

**Yes**

**Yes**

**No**

**End of Test**

**Finished? Check all of your answers again, then attempt this wordsearch ☺**

