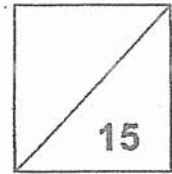




**Henry Park Primary School  
Primary 3 Science  
2021 Weighted Assessment 2**



Name: \_\_\_\_\_ (      )

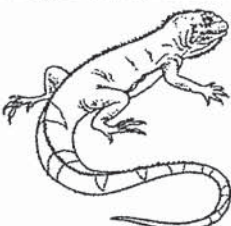
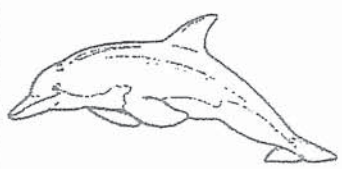
Class: Primary 3 \_\_\_\_\_

Parent's Signature: \_\_\_\_\_

**Question 1**

The pictures show some living things. Match the living things to the way they reproduce by ticking (✓) the correct boxes in the table below.

[2]

|    |                                                                                     | <b>Living Things</b>               |                 |                 |                  |
|----|-------------------------------------------------------------------------------------|------------------------------------|-----------------|-----------------|------------------|
|    |                                                                                     | <b>How they reproduce</b>          |                 |                 |                  |
|    |                                                                                     | <b>Giving birth to young alive</b> | <b>Lay eggs</b> | <b>By seeds</b> | <b>By spores</b> |
| a) |  |                                    |                 |                 |                  |
| b) |  |                                    |                 |                 |                  |
| c) |  |                                    |                 |                 |                  |
| d) |  |                                    |                 |                 |                  |



**Question 2A**

You are given a packet of buttons. Observe the buttons carefully and answer the questions.

The buttons are labelled A, B, C, D, E, F, G and H.

State two characteristics of the buttons. *An example has been done for you.*

**Characteristic 1:** *They are of different colours.*

**Characteristic 2:** *Some are smooth and some are rough.*

Other than the characteristics stated above, write down two other characteristics that you can observe. [2]

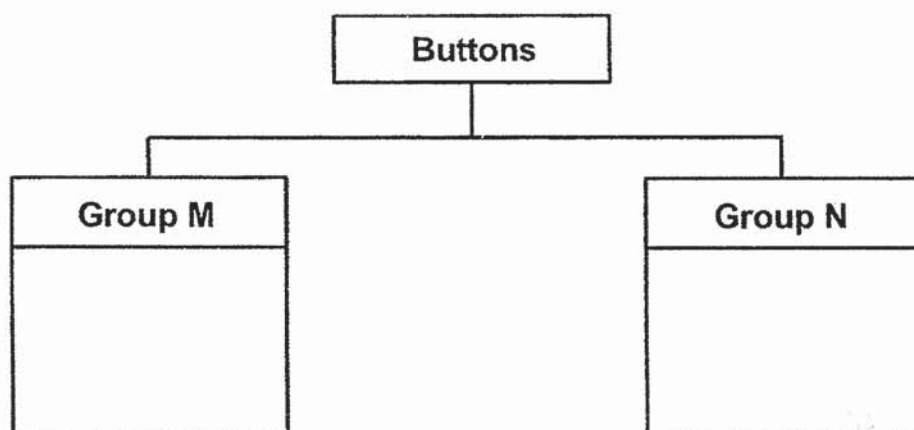
**Characteristic 3:**

**Characteristic 4:**

**Question 2B**

Classify the buttons into two groups, M and N.

Write down the letters (A, B, C, D, E, F, G and H) in the boxes below to show how you have classified the buttons. *(Do not compare the size of the buttons.)* [1]



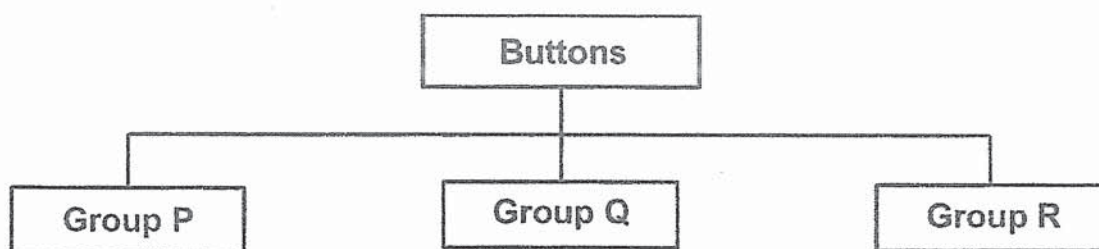
Based on your classification, write down suitable headings for Groups M and N. [1]

i) **Group M:**

ii) **Group N:**

**Question 2C**

Now, classify the buttons into three groups, P, Q and R, as shown below.



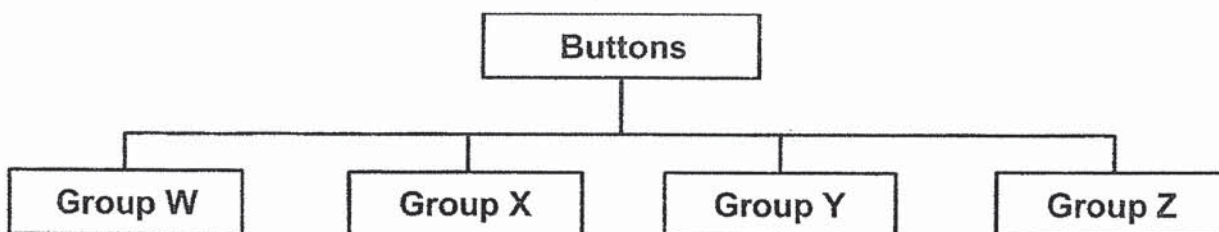
Based on your classification, write down suitable headings for groups P, Q and R.  
(Do not compare the size of the buttons.)

[1]

- i) **Group P:** \_\_\_\_\_
- ii) **Group Q:** \_\_\_\_\_
- iii) **Group R:** \_\_\_\_\_

**Question 2D**

Now, classify the buttons into four groups, W, X, Y and Z, as shown below.



- i) Based on your classification above, state one property that you used to classify the buttons into Groups W, X, Y and Z.

[1]

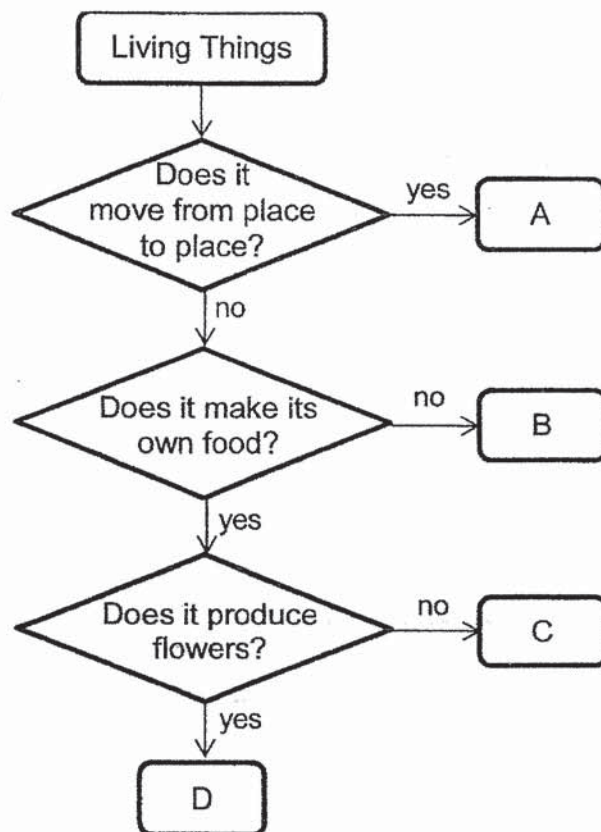
Now, raise your hand and ask your teacher for **Button J**.

- ii) Observe **Button J**. Are you able to classify **Button J** into groups W, X, Y or Z? Explain your answer.

[1]

### Question 3

Study the chart below.



Based on the chart above, which of the following groups do organisms E and F belong to? Write the letter A, B, C, or D in the correct boxes.

[2]



Organism E



Organism F

### Question 4

Fill in the blanks in the classification chart based on the characteristics observed among animals in each animal group. An example has been done for you.

[4]

| Characteristics    | Animal Groups  |      |               |
|--------------------|----------------|------|---------------|
|                    | Amphibians     | Fish | Birds         |
| a) Where they live |                |      | Lives on land |
| b) Outer covering  | Has moist skin |      |               |

## Weighted Assessment 2

| Q1              | (a) By seeds<br>(b) Lay eggs<br>(c) By spores<br>(d) Giving birth to young alive                                                                                                                                                                                                                                                                                                                                                         |                |               |                 |               |  |  |            |      |       |                 |                            |                |               |                |                 |            |              |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------|-----------------|---------------|--|--|------------|------|-------|-----------------|----------------------------|----------------|---------------|----------------|-----------------|------------|--------------|
| Q2              | Practical                                                                                                                                                                                                                                                                                                                                                                                                                                |                |               |                 |               |  |  |            |      |       |                 |                            |                |               |                |                 |            |              |
| Q3              | (a) D<br>(b) A                                                                                                                                                                                                                                                                                                                                                                                                                           |                |               |                 |               |  |  |            |      |       |                 |                            |                |               |                |                 |            |              |
| Q4              | (a) and (b) <table border="1"> <thead> <tr> <th rowspan="2">Characteristics</th><th colspan="3">Animal Groups</th></tr> <tr> <th>Amphibians</th><th>Fish</th><th>Birds</th></tr> </thead> <tbody> <tr> <td>Where they live</td><td>Lives on land and in water</td><td>Lives in water</td><td>Lives on land</td></tr> <tr> <td>Outer covering</td><td>has moist skins</td><td>has scales</td><td>has feathers</td></tr> </tbody> </table> |                |               | Characteristics | Animal Groups |  |  | Amphibians | Fish | Birds | Where they live | Lives on land and in water | Lives in water | Lives on land | Outer covering | has moist skins | has scales | has feathers |
| Characteristics | Animal Groups                                                                                                                                                                                                                                                                                                                                                                                                                            |                |               |                 |               |  |  |            |      |       |                 |                            |                |               |                |                 |            |              |
|                 | Amphibians                                                                                                                                                                                                                                                                                                                                                                                                                               | Fish           | Birds         |                 |               |  |  |            |      |       |                 |                            |                |               |                |                 |            |              |
| Where they live | Lives on land and in water                                                                                                                                                                                                                                                                                                                                                                                                               | Lives in water | Lives on land |                 |               |  |  |            |      |       |                 |                            |                |               |                |                 |            |              |
| Outer covering  | has moist skins                                                                                                                                                                                                                                                                                                                                                                                                                          | has scales     | has feathers  |                 |               |  |  |            |      |       |                 |                            |                |               |                |                 |            |              |

2  
ZnD