

YEAR 10 SCIENCE 2021 – NATURAL SELECTION

Due: Friday 21ST May 2021 at 9.30 am

Weighting: 25%

Task Nature: Research booklet

Outcomes assessed: SC5-15LW, SC5-3VA, SC5-1VA, SC5-8WS, SC5-9WS

THE TASK

Research and answer the following questions in the spaces provided.

Question 1 - Define the following terms (4 marks)

Variation:

Species:

Adaptation:

Evolution:

Question 4 - Identify the main idea about evolution put forward by each of these scientists. **(6 marks)**

Outline the contribution this made to developing our understanding of Evolution

- Darwin

Main Idea:
Contribution:

- Wallace

Main Idea:
Contribution:

- Lamarck

Main Idea:
Contribution:

Question 8 - There is a lot of natural variation in rabbits, as can be seen by the different breeds.

Identify at least 10 variations that can be seen in the images of the rabbits shown **(10 marks)**

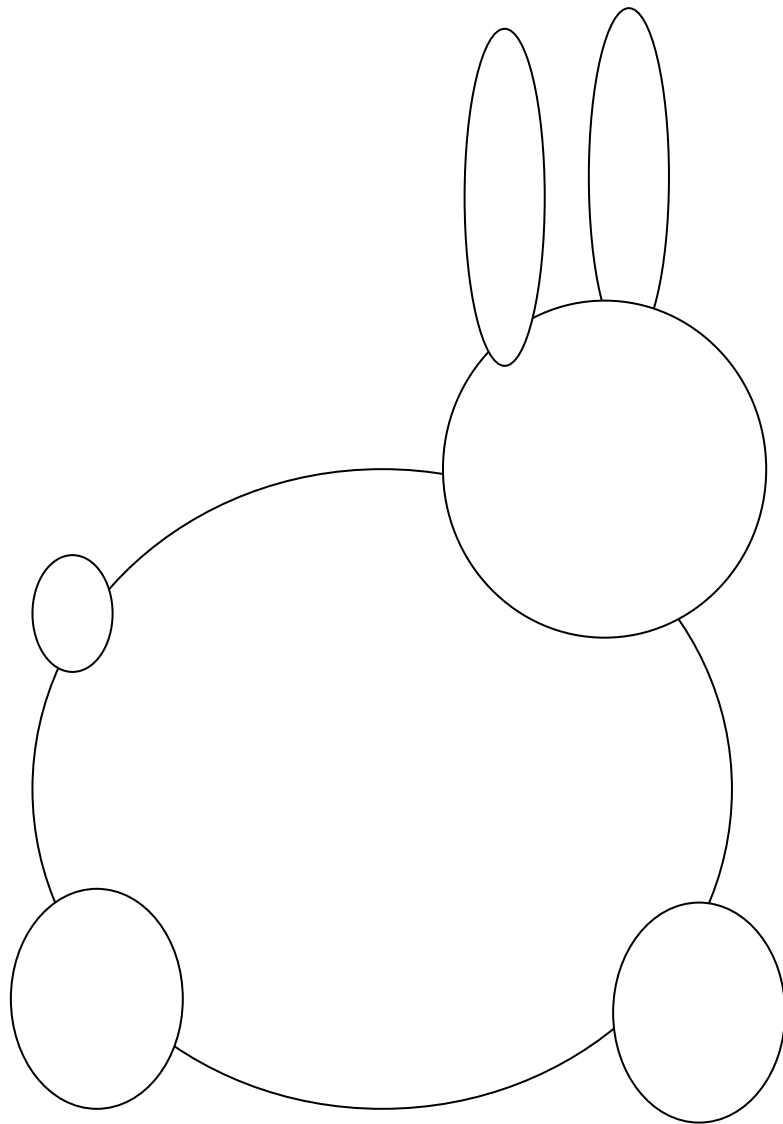
- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.



Question 9 - Select **FOUR** different variations from above and **outline** whether each of these would suit the rabbit for surviving: **(4 marks)**

In a desert OR in a rocky environment OR in a grassy area OR where prey birds were quite small

Draw (and especially **label** the key features of) your Frabbit. A very basic Frabbit template has been included for your survivors. (10 marks)



MARKING CRITERIA

1. One mark given for each clear and correct definition.
- 2.