Test for year 12: taken from investigation. (follow up on term ones work and investigations)

* Why does correct temperature affect growth and dev. in animals?

What are some of the ways farmers could achieve this?

* Why might varying the length of time an animal receives light effect the rate of growth?
* How would maintaining a low stress environment help an animal grow better? (compare and contrast to high stress environment)
* Explain the difference between palatability and digestibility.
* Explain why an animal feeding on a higher protein feed (ie high % clover pasture or lucerne) would grow AND develop better than an animal on a less protein diet (ie straight grass).
* In your recent chickens experiment Group B (which grew the fastest) had a higher protein % in its food by only 2%, yet its fat content was 4.5% higher than the others. Do you think this was more responsible for the chickens growth than the protein? Explain and describe why or why not.
* Explain why minerals such as cobalt, selenium and copper are important for an animals growth and development.
* Correct management practices of animals is important, such as checking and managing their health (ie. Footrot, scabby mouth, scours). Why would a farmer who correctly manages his stock produce better than one who doesn’t and give two examples of how he might do this?
* “Selecting the right genetics is very important for a farmers production”. Discuss what this means and ways they might go about improving breeding/genetics practices on their farm.
* List what changes may take place to an animals body as it develops.