**The Biological approach**

**Activity A**

**Fill in the gaps.**

**Assumptions**

* Behaviour can be largely explained in terms of Biology (e.g. g\_\_\_\_\_\_/h\_\_\_\_\_\_\_\_/ N\_\_\_\_\_\_\_\_\_\_\_\_).
* Behaviour and processes can be explained by the structure and function of the human nervous \_\_\_\_\_\_\_\_, particularly the brain.
* Human genes have evolved over millions of years to adapt behaviour to the \_\_\_\_\_\_\_\_\_\_\_. Therefore, most behaviour will have an adaptive / evolutionary purpose.
* Psychology should be seen as a science, to be studied in a \_\_\_\_\_\_\_\_\_\_\_\_ manner (usually in a \_\_\_\_\_\_\_\_\_\_\_\_\_\_).

**Activity B**

Watch the video clip on the powerpoint and answer the questions below:

What does this suggest about behaviour?

How does this link to the Biological approach?

**Activity C**

Use the powerpoint slides and the internet to **find out what the following terms mean/answer the questions.**

1. Who was Charles Darwin?

2. What is the theory of evolution all about?

3.“Behaviour is **adaptive**”, What does this mean?

4. Darwin believed in the Survival of the fittest. Explain what he meant by this?

5. What is Natural selection?

6. What is mate selection? Give an example

**Activity D:**

Use the powerpoint slides to define the key terms below:

1. What is a genotype?
2. What is a phenotype?

**Activity E**

Use the powerpoint to answer the questions below:

1. What is a monozygotic twin?
2. What is a dizygotic twin?
3. What is a concordance rate?
4. What would a perfect concordance rate be? (as a %)

**Activity F**

Watch the video clip on the Jim twins (on the powerpoint) and answer these questions:

1. How does this support the biological approach?
2. What do you think this suggests about the role of genetics vs. environment?