**Level of significance and type ½ errors revision questions**

1. The psychologist found the results were significant at p<0.05. What is meant by ‘the results were significant at p<0.05’? (2 marks)

2. Define what is meant by the critical value in statistical testing (2 marks)

3. What is meant by the term type l error (1 mark?)

4. What is the probability of making a type l error at p≤0.1 (1 mark)

5. How can you reduce the risk of having a type l or type all error? (2 marks)

6. A researcher is testing the effectiveness of a new drug to reduce depression. What level of significance should be used and why? (3 marks)

**7.** Distinguish between a Type I error and a Type II error (4 marks)