Entrance Scholarship Paper

**Psychology**

Time allowed: 2 hours

Answer **TWO** questions. Please use a separate booklet for each answer. Feel free to build your argument by drawing on several domains of psychology, if appropriate. However, make sure that your answer is based on the scientific literature on each topic, and not only on your speculations.

1. What factors might affect obedience, and how do they do so?
2. Imagine you are a police officer who is about to question a witness to a crime. What factors might affect the accuracy of their testimony and how can you improve this accuracy?
3. John is afraid of dogs because he was knocked down by one as a child. How might the behavioural approach explain (a) how the phobia developed, and (b) how you could treat his phobia?
4. Choose TWO methods used to study the brain and compare their advantages and disadvantages.
5. Compare and contrast quantitative and qualitative data.
6. Psychology studies often use undergraduate psychology students as their participants. What types of bias might this introduce, and how might this affect the results?
7. “Free will does not exist”. Critically discuss this statement with reference to relevant psychological argument and experiments.
8. Explain how gender develops by comparing at least TWO of the following explanations: Chromosomes and hormones, cognitive, psychodynamic and social learning theory.
9. How do biology and psychology contribute to anorexia nervosa and/or obesity?
10. Joe has been diagnosed with a gambling addiction. How might his addiction have developed and how might you treat him?