**Entrance Scholarship Paper 2021**

**Psychology**

Please answer **TWO** questions. 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. Describe and evaluate ONE core study in the field of behavioural psychology.
2. Fred a 7 year old boy is afraid of going to the doctors. This fear began ever since he received an injection 2 years ago. Using classical conditioning, explain how his fear was acquired.
3. John had a busy Sunday night preparing for his exams the next day. He has two exams the next day. In the morning he will be sitting for his Spanish exam and in the evening he will be sitting for his German exam. Using your knowledge of forgetting theories, explain the factors that may interfere with his exam performance.
4. Why can’t we draw causal conclusions from correlational data? Explain with an examples.
5. Imagine that you are a researcher and you are interested to determine whether drinking different kinds of tea has an effect of happiness. How would you design a study to test this?
6. You are a police officer investigating the stabbing of a 42 year old man outside a pub. There were 5 witnesses to the murder that you are preparing to interview. Some of these witnesses appeared very anxious and fearful as they were very close to the perpetrator, while others appeared less anxious as they witnessed the incident from a further distance. What factors should you be aware of that may affect the accuracy of their testimony of these witnesses?
7. Discuss conformity using examples you have seen in your everyday lives. Why do people conform even though it may go against their personal beliefs?
8. Choose TWO methods used to study the brain and compare their advantages and disadvantages.
9. Discuss and evaluate three ways of defining abnormal behaviour. In your answer outline some limitations to using such approaches using examples.
10. Outline and evaluate the Ainsworth strange situation procedure.