**Short Written Test – Tuesday 22 March**

Each question has a marking scheme attached. Follow it closely.

**1 Psychological research:**

List three methods for undertaking psychological research. For each method, identify an advantage of its use and a possible disadvantage.

**Marking scheme:**

* Method 1 (1)
* Method 2 (1)
* Method 3 (1)
* Advantage/disadvantage of method 1 (1)
* Advantage/disadvantage of method 2 (1)
* Advantage/disadvantage of method 2 (1)

TOTAL: 6 marks

**2 Ethical issues**

A university psychology professor in the 1970s tells his students that in order to gain a satisfactory result for their work in his course, they must arrange for a friend or relative to take part in an experiment. After the experiment has taken place, the results will be made available, along with the names of all participants, to all psychology students in that year group.

Explain two of the guidelines that have been breached by the researcher in this research design and show why. For each guideline, identify how its breach violates one of the four overarching ethical principles in psychological research.

**Marking scheme:**

* Explanation of guideline 1 (1)
* Explanation of guideline 2 (1)
* Related ethical principle of guideline 1 (1)
* Related ethical principle of guideline 2 (1)

TOTAL: 4 marks

**3 The brain**

(a) Doctors have determined that a patient’s **hindbrain** has been injured as the result of an accident. Name two structures in the hindbrain. For two of these structures, outline the likely effects of damage on the person’s behaviour.

(b) If the patient demonstrated obvious and lasting changes in personality, such as impulsive behaviours, changed emotions or other unusual behaviours, what other brain area or structure **not** in the hindbrain should be investigated? (More than one structure is possible.) Justify your answer.

**Marking scheme:**

(a)

* Name the structures (2)
* Likely effects of damage to structure 1 (1)
* Likely effects of damage to structure 2 (1)

(b)

* Name an appropriate structure (1)
* Justify your choice (2)

TOTAL: 7