**Year 10 Psychology**

**Student Name**

**Brain function and memory quiz**

1. What is psychology? [2 mark]

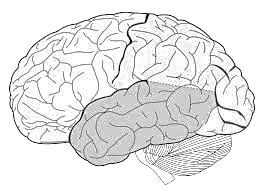
**The study of the human mind and its functions (1 mark) especially those affecting behaviour and social interactions (1 mark)**

1. Label all 5 of the structures below, write one function of each structure [10 marks]

**Parietal lobe:**

**Language, touch**

**Frontal lobe:  
Thinking, memory, behaviour, movement**



**Occipital lobe:**

**Sight**

**Temporal lobe:**

**Hearing, learning, feelings**

**Cerebellum:**

**Balance and coordination**

1. On the diagram above, circle the brain stem [1 mark]
2. Shea was speaking to her friend Ella in her local coffee shop when she heard “Savage Love” playing on the radio. Circle the sensory organ that detects the auditory sound from the external stimuli of the music. [1 mark]

Eyes **Ears**  Skin Nose

1. Circle the word below that is not a model or approach used in psychology [1 mark]

Humanism Structuralism  **Deconstructalism** Psychoanalysis

1. In 1848 a railroad worker named Phineas Gage had a metal rod blasted through his brain during an explosion. He survived but his personality and his behaviour reportedly changed dramatically after the accident. Suggest a reason for the change in his behaviour and personality [2 marks]

**Damage to the frontal lobe (1 mark)  
Frontal lobe responsible for personality, mood, emotions (1 mark)**

1. Describe what a concussion is and how they occur. Choose one lobe of the brain and explain what would happen if a person suffered a concussion to that lobe. [3 marks]

**Concussion is an injury caused by an impact or jarring motion (1 mark)  
Caused by bruising/tissue damage to the brain (1 mark)**

**Causes disruption in signals being sent to/from affected parts of the brain (1 mark)**

**End of assessment**

**TOTAL MARK /20**