Psychology – ATAR Year 11

Task 2 – Unit 1

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**Assessment Type:** Response

**Conditions**

Period allowed for completion of the task: 1 session

**Date**

20th February 2015

**Task Weighting**

6% of the school mark for this units

**Marks:**

This assessment is marked out of 17 marks and includes up to 3 marks for communication.

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**Article Analysis: Phineas Gage**

This task is an analysis of the following article concerning Phineas Gage:

Macmillan, M. & Lena, M. L. (2010). Rehabilitating Phineas Gage. *Neuropsychological Rehabilitation: An International Journal*, *20*, 641-658. doi: 10.1080/09602011003760527

You have been provided a copy with the article and you will answer four (4) questions based on it. An annotated copy of the article is permitted in this assessment.

Answer all the questions in the answer booklet provided. Clearly label the question number at the start of your written answer.

You must write your answers in blue or black ink. Upon submission, please include your annotated article with your name written on it.

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**Questions:**

1. Describe Phineas Gage’s personality before the injury.

(2 marks)

1. Describe the injury that Gage sustained in the accident.

(3 marks)

1. Refer to the following quote:

*“In this regard his mind was radically changed, so decidedly that his friends and acquaintances said he was “no longer Gage”. (Harlow, 1868 as cited in Macmillian & Lena, 2010, p. 641).*

With supporting evidence from this article, explain what this quote means.

(4 marks)

1. Based on this article, what can we infer about the function(s) of the frontal lobe?

(5 marks)

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| --- | --- | --- |
| **Criteria** | **Possible mark** | **Mark** |
| **Question 1** | | **/2** |
| * provides a full description of Phineas Gage’s personality | 2 |  |
| * provides a limited description of Phineas Gage’s personality prior to the injury | 1 |  |
| **Question 2** | | **/3** |
| * provides a description of Phineas Gage’s injuries and links them to the functions that were impaired. | 3 |  |
| * provides a limited description of the impact of Phineas Gage’s injuries. | 2 |  |
| * provides a list of Phineas Gage’s physical injuries. | 1 |  |
| **Question 3** | | **/4** |
| * with use of evidence, presents alternative arguments that Phineas Gage had changed but also had some form of psychosocial rehabilitation to his pervious state | 3 - 4 |  |
| * with use of evidence, explains that Phineas Gage had changed | 2 |  |
| * uses direct evidence to confirm that Phineas Gage had changed | 1 |  |
| * confirms only, with no evidence, that Phineas Gage had changed | 0 |  |
| **Question 4** | | **/5** |
| * with use of evidence from the article, infers the functions of the frontal lobe, incorporating historical perspectives | 5 |  |
| * with use of evidence from the article, infers the function of the frontal lobe | 4 |  |
| * describes the functions of the frontal lobe with reference to the lateralisation of functions | 3 |  |
| * describes the functions of the frontal lobe | 2 |  |
| * recalls the general functions of the frontal lobe | 1 |  |
| **Communication skills** | | **/3** |
| * well-developed sentences and paragraphs; uses appropriate psychological language with accurate grammar, spelling, and punctuation | 3 |  |
| * clear everyday language with adequate grammar, spelling, sentences and paragraph structure | 2 |  |
| * poor literacy skills (very poor spelling, grammar, poor sentence and paragraph structure) | 1 |  |
| **Total mark** |  | **/17** |