

**Joseph Banks  
Secondary College**

**Research Methods and Biological Influences  
Worth 5% of the YEAR Mark**

**Question/Answer Booklet**

**PSYCHOLOGY**

**Units 3 and 4**

Student name : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Time allowed for this paper**

**Reading time before commencing work: thee minutes**

Working time for the paper: **sixty-one minutes**

**Materials required/recommended for this paper**

***To be provided by the supervisor:***

This Question/Answer Booklet

Formulae and Data Booklet

***To be provided by the candidate:***

Standard items: pens (blue/black preferred), pencils (including coloured), sharpener,

correction tape/fluid, eraser, ruler, highlighters.

Special items: non-programmable calculators approved for use in the WACE examinations

**Important note to candidates**

No other items may be taken into the examination room. It is **your** responsibility to ensure that you do not have any unauthorised notes or other items of a non-personal nature in the examination room. If you have any unauthorised material with you, hand it to the supervisor **before** reading any further.

**Structure of this paper**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Section | Number of questions available | Suggested working time  (minutes) | Your Mark | Marks available | Percentage of test |
| Section One:  Research Methods | 2 | 20 |  | 30 | 50 |
| Section Two:  Short Answer | 3 | 41 |  | 30 | 50 |
|  |  | **Total** |  | 30 | 100 |

**Instructions to candidates**

1. The rules for the conduct of Western Australian external examinations are detailed in the *Year 11 Information Handbook 2016*. Sitting this examination implies that you agree to abide by these rules.
2. Write your answers in this Question/Answer Booklet.
3. When calculating numerical answers, show your working or reasoning clearly. Your working should be in sufficient detail to allow your answers to be checked readily and for marks to be awarded for reasoning.

In calculations, give final answers to one significant figures and include appropriate units where applicable.

1. You must be careful to confine your responses to the specific questions asked and to follow any instructions that are specific to a particular question.
2. Supplementary pages for the use of planning/continuing your answer to a question may have been provided at the end of this Question/Answer booklet. If you use these pages to continue an answer, indicate at the original answer where the answer is continued, i.e. give the page number.

Question 1 (13 marks)

Research by Milgram (1963) has shown the impact that authority has on our behaviour.

a) Outline the method and findings of Milgram’s study. (5 marks)

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b) Explain two factors from Milgrims study that decreased obedience. (4 marks)

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c) Evaluate Milgram’s study in regard to reliability and validity (2 marks)

Reliability:

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d) Compare the concepts of obedience and conformity. (2 marks)

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Question 2 ` (6 marks)

Harold Kelley’s theory of causal attribution (1973) goes further than that of Heider in trying to explain how people make attributions. Kelly considered that people making attributions use three types of information. Identify, explain and apply them to the below scenario.

Anoushka is watching her brother play football, she seems to be getting really riled up about some of the gameplay decisions her brothers team is making. Even the hardcore fans and the teams coach find the Anoushka’s passion for the game a little strange. Anoushka’s parents exchange a look, as Anoushka isn’t usually an angry person.

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Question 3 (6 marks)

Mahmood and Anoushka are in the triathlon team together. Mahmood has taken part in several races since starting the team 3 years ago, Anoushka has only recently joined and is going to be taking part in her first state championship in a couple of weeks. She has noticed that she cycles faster in training with her team rather than on her own. However, she is feeling like as the state championships approaches, she is getting more and more nervous which is impacting her performance. Mahmood seems to find the opposite; his performance times are getting quicker and quicker as the championship approaches.

a) Identify and describe the social psychology concept that applies to Mahmood (2 marks)

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b) Give an example from the scenario to justify your answer to (a) (1 mark)

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c) Identify and describe the social psychology concept that applies to Anoushka (2 marks)

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d) Give an example from the scenario to justify your answer to (c) (1 mark)

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**Question 4 (6 marks)**

Daniel and Susan both study ATAR Biology, both of them love the subject, Dan intends to study the subject at Uni, whereas Susan is going to study Chemistry. Both students tend to allow themselves to procrastinate a lot and leave revision to just before the exam, this makes them feel guilty when they get their results after each assessment as they know they both could have got better marks if they had worked harder.

a) Identify and define the psychological concept that both students are feeling. (2 marks)

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b) Identify the student that would feel the most guilt and justify your answer with psychological theory. (1 mark)

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b) Identify two methods that Festinger says will reduce these feelings of guilt. (2 marks)

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**Question 5**

a) Define the term group polarisation. (2 marks)

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b) Identify three reasons why group polarisation occurs. (3 marks)

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**Question 6 (**

Shua has recently got a job at a cocktail bar in Leederville, he is an international school student from South Korea. He noticed that everyone in his new workplace cycled and ate a lot of vegan food. Francis hated exercise prior to his new job and ate a lot of fish and meat. As time went by Francis started to get more and more into making vegan food, which is something he never thought he would do but as time has gone by he has seen the benefit to how it has changed how his body feels and his energy levels have changed. Francis has not started cycling though, he still sticks to driving to work and carpools with another colleague who also refuses to try cycling in.

He has noticed that there are a core number of regulars who come in on a Friday, one group in particular are young professionals. Within this group there is Steve who always comes in bragging about how successful he has been this week saying comments like “If you just work harder like me, you would have got the promotion”. Although Shua smiles along to please the customer, he believes that Steve’s success comes from the privileges of growing up in a wealthy family, speaking the language, having connections in Perth already and that the company is owned by his dad; therefore Shua believes that Steve’s success is a result of the environment and opportunities provided to him. Shua’s work colleague, who grew up in Perth do not see it this way and believe that Steve has worked hard for this achievement and that is why he is so successful.

On a Saturday night the bar hosts a talent evening for as variety of local acts such as comics and acrobatic acts. Steve decides that he is going to give comedy a go, he has been working on some material at home but had never tried it out in front of anyone but his girlfriend. Steve also persuades Shua to perform as she is a hand balancing artist, Shua used to perform for her school in South Korea but was a little rusty. When it came to the performance evening, although Steve is usually great at talking to audiences he freezes, starts sweating profusely and does not manage to finish his comedy set. Shua on the other hand, although rusty, puts on a dazzling performance, better than when she practiced it a couple nights ago.

**In your answer you should include:**

* A definition of conformity
* An explanation as to the type of conformity that Francis is experiencing
* Applying relevant theory what two factors may have led to conformity being stronger for staff eating vegan food but not for taking up cycling
* Outline why Shua and Steve have attributed Steve’s success to different factors
* Apply the two different psychological concepts that are occurring for Shua and Steve
* Apply the method and findings of relevant research
* Evaluate the research referred to in terms of its relevance to the wider population

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