



Western Australian Certificate of Education Examination, 2013

Question/Answer Booklet

PSYCHOLOGY

Stage 2

Please place your student identification label in this box

Student Number: In figures

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In words

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Time allowed for this paper

Reading time before commencing work: ten minutes

Working time for paper: three hours

Materials required/recommended for this paper

To be provided by the supervisor

This Question/Answer Booklet

Number of additional
answer booklets used
(if applicable):

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To be provided by the candidate

Standard items: pens (blue/black preferred), pencils (including coloured), sharpener,
correction fluid/tape, 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	Number of questions to be answered	Suggested working time (minutes)	Marks available	Percentage of exam
Section One: Research methods	4	4	40	25	25
Section Two: Short answer	6	6	100	60	60
Section Three: Extended answer	3	1	40	15	15
Total					100

Instructions to candidates

1. The rules for the conduct of Western Australian external examinations are detailed in the *Year 12 Information Handbook 2013*. Sitting this examination implies that you agree to abide by these rules.
2. Write your answers in this Question/Answer Booklet.
3. 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.
4. Spare pages are included at the end of this booklet. They can be used for planning your responses and/or as additional space if required to continue an answer.
 - Planning: If you use the spare pages for planning, indicate this clearly at the top of the page.
 - Continuing an answer: If you need to use the space to continue an answer, indicate in the original answer space where the answer is continued, i.e. give the page number. Fill in the number of the question that you are continuing to answer at the top of the page.

Section One: Research methods**25% (25 Marks)**

This section has **four (4)** questions. Answer **all** questions. Write your answers in the spaces provided.

Spare pages are included at the end of this booklet. They can be used for planning your responses and/or as additional space if required to continue an answer.

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- Continuing an answer: If you need to use the space to continue an answer, indicate in the original answer space where the answer is continued, i.e. give the page number. Fill in the number of the question that you are continuing to answer at the top of the page.

Suggested working time: 40 minutes.

Question 1**(5 marks)**

A researcher decides to conduct interviews with ten students from Harman High School's Year 12 group to gain an understanding of their attitudes toward wearing the school uniform.

- (a) Name the population from which the researcher has drawn the sample group. (1 mark)

- (b) Identify **two** ethical considerations relevant to this study. Explain how the researcher would deal with each of the considerations in her research. (4 marks)

One:

Two:

Question 2

(8 marks)

Complete the table below to help classify the type of data collected by two different research methods.

Research method	Interview	Survey (self-rating scale)
Qualitative or Quantitative		
Subjective or Objective		
Describe one strength		
Describe one limitation		

Question 3

(8 marks)

An experiment was conducted to investigate the effect of adrenalin on heart rate. Researchers selected a sample of eight 30-year-old men. The men were assembled in a laboratory one afternoon. The four participants in the experimental group were given one unit of adrenalin. The four participants in the control group were given a placebo. Resting heart rate was measured before and after the adrenalin/placebo treatment.

- (a) What is the independent variable in this study? (1 mark)

- (b) List **two** variables that were controlled in this study. (2 marks)

One: _____

Two: _____

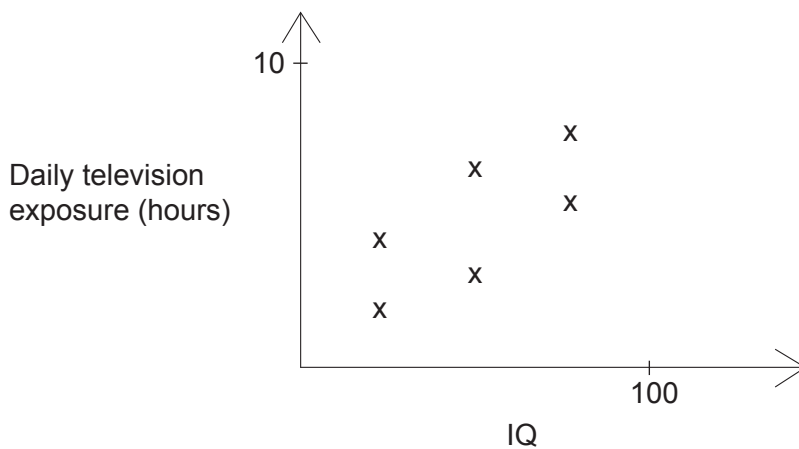
- (c) Write an operational hypothesis for this study. (3 marks)

See next page

- (d) Identify a source of error in this experimental design and suggest a way of reducing the error. (2 marks)

Question 4**(4 marks)**

Data from a correlational study on intelligence quotient (IQ) and daily exposure to television were used to produce the following scatterplot. Use the information provided to answer the questions below.



- (a) What term is given to the variables studied in correlational research? (1 mark)

- (b) Describe the strength and direction of the correlation between television exposure and IQ. (2 marks)

- (c) A magazine used the research from this correlational study to report that 'higher levels of television watching cause lower intelligence'. Explain why the magazine should **not** make this claim. (1 mark)

End of Section One**See next page**

Section Two: Short answer

60% (60 Marks)

This section has **six (6)** questions. Answer **all** questions. Write your answers in the spaces provided.

Spare pages are included at the end of this booklet. They can be used for planning your responses and/or as additional space if required to continue an answer.

- Planning: If you use the spare pages for planning, indicate this clearly at the top of the page.
- Continuing an answer: If you need to use the space to continue an answer, indicate in the original answer space where the answer is continued, i.e. give the page number. Fill in the number of the question that you are continuing to answer at the top of the page.

Suggested working time: 100 minutes.

Question 5

(10 marks)

- (a) Define 'heredity'. (1 mark)

- (b) Name the theorist most commonly associated with social learning through observation. (1 mark)

- (c) Teachers want parents to increase the time students spend studying rather than watching television. Operant conditioning strategies can be used to increase the amount of time a student spends on study. Complete the following table by describing **one** positive and **one** negative example for both reinforcement and punishment that could be used to increase the time spent on study. (8 marks)

Strategy	Reinforcement	Punishment
Positive		
Negative		

See next page

Question 6

(11 marks)

- (a) Identify **two** strategies that can be used by a researcher to help reduce cultural bias in testing. (2 marks)

One: _____

Two: _____

- (b) Intelligence testing is used by many organisations to assess the suitability of job applicants for employment.

- (i) Identify **one** advantage and **one** disadvantage of individual intelligence testing. (2 marks)

Advantage: _____

Disadvantage: _____

- (ii) Identify **one** advantage and **one** disadvantage of group intelligence testing. (2 marks)

Advantage: _____

Disadvantage: _____

Question 6 (continued)

- (c) Complete the following table detailing the different theories/theorists associated with intelligence. (5 marks)

Name of theorist	Overview of theory
	Intelligence is thought to be a combination of both general intelligence (g) and specific intelligence (s).
Binet and Simon	
	Empirical model of intelligence. Developed tests to measure intelligence in adults as well as children.
Gardner	
	EQ can matter more than IQ – it can help effective social interaction with others.

Question 7**(7 marks)**

- (a) List **two** motor skills that you would expect a child between the ages of two and six years to master. (2 marks)

One: _____

Two: _____

- (b) Explain, with the use of an example, the psychological concept of social readiness in skill development. (2 marks)

- (c) Describe **three** contributions of play to the development of a child. (3 marks)

One: _____

Two: _____

Three: _____

Question 8

(6 marks)

- (a) Name the theorist most commonly associated with the learning theories of personality. (1 mark)

- (b) Describe **two** key ideas that are the basis of humanistic theories of personality. (2 marks)

One: _____

Two: _____

- (c) List **three** of the five levels in Maslow's hierarchy of needs. (3 marks)

One: _____

Two: _____

Three: _____

Question 9

(16 marks)

- (a) Identify **two** reasons for delayed communication skills. (2 marks)

One: _____

Two: _____

- (b) There are **two** types of hearing impairment. In the table below name them, the area of the ear that is associated with each and the different effects that each type of hearing impairment has on how sounds might be heard. (6 marks)

Type of hearing impairment	Area of ear associated with the impairment	Effects on how sound might be heard
One:		
Two:		

- (c) List **two** interventions that can be used with the hearing impaired to improve communication. (2 marks)

One: _____

Two: _____

- (d) Describe **three** ways in which autism affects communication skills. (3 marks)

One: _____

Two: _____

Three: _____

See next page

- (e) List **three** ways in which we can assist people with autism to communicate more effectively. (3 marks)

One: _____

Two: _____

Three: _____

Question 10

(10 marks)

- (a) People react differently to world events – some positively and some negatively. A resilient person would display a positive response. Describe **three** characteristics of a resilient person. (3 marks)

One: _____

Two: _____

Three: _____

- (b) A negative reaction to world events may be displayed by a person with post-traumatic stress disorder (PTSD). Describe **three** factors unique to PTSD. (3 marks)

One: _____

Two: _____

Three: _____

Question 10 (continued)

- (c) World events are large-scale events, such as the Olympic Games, that affect more than just individuals. These events affect many lives and cause stress for different people in different ways, some positive and some negative. Describe **two** event characteristics related to stress that may influence an individual's response to the Olympic Games. (4 marks)

One: _____

Two: _____

End of Section Two

See next page

Section Three: Extended answer**15% (15 Marks)**

This section contains **three (3)** questions. You must answer **one (1)** question.

Pages are included at the end of the three questions for planning and writing your answers.

- Planning: If you use a page for planning, indicate this clearly at the top of the page.
- Answering the question: In the pages provided indicate clearly the number of the question you are answering.
- You should refer to relevant psychological concepts, theories and research in your answer.

Suggested working time: 40 minutes.

Question 11**(15 marks)**

Using real-life examples, discuss cultural differences in attitudes between individualistic cultures and collectivist cultures.

In your answer, you should

- define and give examples of culture.
- define and give an example of an individualistic culture.
- define and give an example of a collectivist culture.
- discuss attitudes in individualistic cultures.
- discuss attitudes in collectivist cultures.

Question 12**(15 marks)**

Jane witnessed a robbery. When interviewed by police half an hour later, she was able to recall many details. However, during the trial three months later, she was not able to recall many details. Discuss Jane's behaviour in relation to memory.

In your answer, you should

- define and discuss working (short-term) memory.
- define and discuss long-term memory.
- discuss forgetting and remembering.

Question 13**(15 marks)**

There are psychological theories regarding conformity, compliance, obedience, status, and power. Discuss at least **two** socialisation processes that might be observed within cult groups.

In your answer, you should

- define 'socialisation processes'.
- define 'cult groups'.
- define other relevant terms in the context of cult groups.
- refer to psychological theories and concepts that contribute to explaining socialisation processes that might be observed within cult groups.

End of questions

Question number: _____

[illegible]

Question number: _____

[illegible]

Question number: _____

[illegible]

Question number: _____

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Question number: _____

[illegible]

Question number: _____

[illegible]

Question number: _____

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Additional working space

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