

General Certificate of Education  
June 2007  
Advanced Level Examination



**PSYCHOLOGY (SPECIFICATION A) PYA4**  
**Unit 4 Social Psychology, Physiological Psychology,  
Cognitive Psychology, Developmental  
Psychology and Comparative Psychology**

Tuesday 12 June 2007 9.00 am to 10.30 am

**For this paper you must have:**

- a 16-page answer book.

Time allowed: 1 hour 30 minutes

**Instructions**

- Use blue or black ink or ball-point pen.
- Write the information required on the front of your answer book. The *Examining Body* for this paper is AQA. The *Paper Reference* is PYA4.
- Answer **three** questions in total. These must be taken from **at least two** different sections.
- Where the term **research** appears in a question, you may refer to theories and/or studies as appropriate.
- Do all rough work in the answer book. Cross through any work you do not want to be marked.

**Information**

- The maximum mark for this paper is 76.  
Four of these marks will be awarded for using good English, organising information clearly and using specialist vocabulary where appropriate.
- The marks for questions are shown in brackets.

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Answer **three** questions in total. These must be taken from **at least two** different sections.

Where the term **research** appears in a question, you may refer to theories and/or studies as appropriate.

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### SECTION A: SOCIAL PSYCHOLOGY

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- 1 Discuss **one or more** theories relating to the attribution of causality. *(24 marks)*
  - 2 (a) Outline **two** explanations of interpersonal attraction (eg matching hypothesis, evolutionary explanations). *(12 marks)*  
  
(b) Evaluate **one** of the explanations of interpersonal attraction you have outlined in your answer to part (a). *(12 marks)*
  - 3 Outline and evaluate studies relating to human altruism **and/or** bystander behaviour. *(24 marks)*
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### SECTION B: PHYSIOLOGICAL PSYCHOLOGY

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- 4 Outline and evaluate methods used to investigate the brain. *(24 marks)*
  - 5 (a) Outline the restoration theory of sleep. *(6 marks)*  
  
(b) Outline findings from studies of sleep deprivation. Consider the implications of such findings for theories of sleep. *(18 marks)*
  - 6 Discuss the role of brain structures in emotion. *(24 marks)*
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### SECTION C: COGNITIVE PSYCHOLOGY

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- 7 Outline and evaluate **one or more** theories of face recognition. *(24 marks)*
- 8 Outline and evaluate studies of the development of perceptual abilities. *(24 marks)*
- 9 Outline and evaluate **two** explanations of language development. *(24 marks)*

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**SECTION D: DEVELOPMENTAL PSYCHOLOGY**

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- 10** Discuss **one or more** theories of moral understanding **and/or** pro-social reasoning. (24 marks)
- 11** Outline and evaluate research into the formation of identity in adolescence. (24 marks)
- 12** ‘Research has shown that coping with bereavement usually involves a series of stages, and may also vary across different cultures.’
- Discuss research into how people cope with bereavement. (24 marks)
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**SECTION E: COMPARATIVE PSYCHOLOGY**

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- 13** (a) Outline the nature of classical **and** operant conditioning. (12 marks)
- (b) Evaluate the role of conditioning in the behaviour of non-human animals. (12 marks)
- 14** Outline and evaluate the role of memory in navigation and foraging behaviour in non-human animals. (24 marks)
- 15** ‘Animals with large brains, such as whales and elephants, are not necessarily more intelligent than animals with smaller brains.’
- Discuss the relationship between brain size and intelligence. (24 marks)

**END OF QUESTIONS**

**There are no questions printed on this page**