

General Certificate of Education
June 2004
Advanced Level Examination



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

Friday 18 June 2004 9.00 am to 10.30 am

In addition to this paper you will require:
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.
- Do all rough work in the answer book. Cross through any work you do not want marked.

Information

- The maximum mark for this paper is 76.
- Mark allocations are shown in brackets.
- In addition to the mark allocations indicated within the paper, you will be awarded up to 4 marks for your ability to organise and present information, ideas, descriptions and arguments clearly and logically. Account will be taken of your use of grammar, punctuation and spelling and the legibility of your handwriting.

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

SECTION A – SOCIAL PSYCHOLOGY

- 1 Outline and evaluate **two** theories relating to the attribution of causality. *(24 marks)*
 - 2 Discuss research (explanations **and/or** studies) into understudied relationships. *(24 marks)*
 - 3 Outline and evaluate **two** explanations of human altruism. *(24 marks)*
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SECTION B – PHYSIOLOGICAL PSYCHOLOGY

- 4 Critically consider research (theories **and/or** studies) relating to lateralisation of function in the cerebral cortex. *(24 marks)*
 - 5 (a) Outline and evaluate **one** ecological account of the function of sleep (e.g. Meddis). *(12 marks)*
(b) Outline and evaluate **one** restoration account of the function of sleep (e.g. Oswald). *(12 marks)*
 - 6 Outline and evaluate **two** theories of emotion. *(24 marks)*
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SECTION C – COGNITIVE PSYCHOLOGY

- 7 (a) Outline and evaluate the role of biological mechanisms in pattern recognition. *(12 marks)*
(b) Outline and evaluate the role of context in pattern recognition. *(12 marks)*
- 8 Discuss the development of perceptual abilities. *(24 marks)*
- 9 Discuss research (theories **and/or** studies) into the relationship between language and thought. *(24 marks)*

SECTION D – DEVELOPMENTAL PSYCHOLOGY

- 10** Discuss **one or more** applications of theories of cognitive development (e.g. to education). *(24 marks)*
- 11** Describe and evaluate **one or more** psychodynamic explanations of personality development (e.g. Freud). *(24 marks)*
- 12** “Some theorists argue that some degree of disengagement is necessary to suit the declining biological and psychological capacities of the older person, yet others claim that a successful old age is best achieved by maintaining roles and relationships.”
- Outline and evaluate **two or more** explanations of adjustment to old age. *(24 marks)*
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SECTION E – COMPARATIVE PSYCHOLOGY

- 13** Discuss evolutionary explanations of the behaviour of non-human animals. *(24 marks)*
- 14** Critically consider research (explanations **and/or** studies) relating to the role of memory in navigation **and** foraging in non-human animals. *(24 marks)*
- 15** Discuss evolutionary factors in the development of human intelligence. *(24 marks)*

END OF QUESTIONS

THERE ARE NO QUESTIONS PRINTED ON THIS PAGE