

General Certificate of Education
January 2003
Advanced Level Examination



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

Friday 24 January 2003 Morning Session

In addition to this paper you will require:
a 16-page answer book.

Time allowed: 1 hour 30 minutes

Instructions

- Σ Use blue or black ink or ball-point pen.
- Σ Write the information required on the front of your answer book. The *Examining Body* for this paper is AQA. The *Paper Reference* is PYA4.
- Σ Answer **three** questions from at least **two** different Sections.
- Σ Do all rough work in the answer book. Cross through any work you do not want marked.

Information

- Σ The maximum mark for this paper is 76.
- Σ Mark allocations are shown in brackets.
- Σ 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.

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Answer **three** questions from at least **two** different Sections.

SECTION A – SOCIAL PSYCHOLOGY

- 1 Critically consider **two or more** errors **and/or** biases in the attribution process (e.g. self-serving bias, fundamental attribution error). *(24 marks)*
 - 2 Discuss research (theories **and/or** studies) relating to the formation of relationships. *(24 marks)*
 - 3 (a) Outline **two** social psychological theories of aggression. *(12 marks)*

(b) Evaluate the **two** theories of aggression that you outlined in part (a) in terms of relevant research studies. *(12 marks)*
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SECTION B – PHYSIOLOGICAL PSYCHOLOGY

- 4 Discuss the organisation of language in the brain. *(24 marks)*
 - 5 Discuss the role of endogenous pacemakers **and** exogenous zeitgebers in biological rhythms. *(24 marks)*
 - 6 (a) Outline and evaluate **one** physiological approach (e.g. homeostatic drive theory) to explaining motivation. *(12 marks)*

(b) Outline and evaluate **one** psychological approach (e.g. expectancy theory) to explaining motivation. *(12 marks)*
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SECTION C – COGNITIVE PSYCHOLOGY

- 7 Outline and assess **two** explanations of focused attention (e.g. Broadbent, Deutsch and Deutsch). *(24 marks)*
- 8 (a) Describe **one** direct theory of visual perception (e.g. Gibson). *(12 marks)*

(b) Evaluate the direct theory of perception that you described in part (a). *(12 marks)*

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- 9 Describe and evaluate research (theories **and/or** studies) into the social **and/or** cultural aspects of language use. *(24 marks)*
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SECTION D – DEVELOPMENTAL PSYCHOLOGY

- 10 Critically consider research (theories **and/or** studies) into the role of cultural factors in the development of intelligence test performance. *(24 marks)*
- 11 Describe and evaluate **one or more** explanations of personality development (e.g. Freud, Bandura, Mischel). *(24 marks)*
- 12 (a) Outline **two** theories of development in early **and/or** middle adulthood. *(12 marks)*
(b) To what extent does research (theories **and/or** studies) provide support for the view that there are crises in adult development? *(12 marks)*
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SECTION E – COMPARATIVE PSYCHOLOGY

- 13 (a) Outline the nature of classical **and** operant conditioning. *(12 marks)*
(b) Assess the role of **either** classical **or** operant conditioning in the behaviour of non-human animals. *(12 marks)*
- 14 Outline and evaluate **two** explanations of animal navigation. *(24 marks)*
- 15 Discuss the relationship between sexual selection and human reproductive behaviour. *(24 marks)*

END OF QUESTIONS