



**ADVANCED GCE**  
**PSYCHOLOGY**  
 Options in Applied Psychology

**G543**

Candidates answer on the answer booklet.

**OCR supplied materials:**

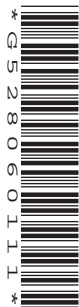
- 8 page answer booklet  
 (sent with general stationery)

**Other materials required:**

None

**Friday 28 January 2011**  
**Morning**

**Duration: 2 hours**



**INSTRUCTIONS TO CANDIDATES**

- Write your name, centre number and candidate number in the spaces provided on the answer booklet. Please write clearly and in capital letters.
- Use black ink. Pencil may be used for graphs and diagrams only.
- Read each question carefully. Make sure you know what you have to do before starting your answer.
- Answer **four** questions in total; **two** questions from **two** options only.
- Do **not** write in the bar codes.

**INFORMATION FOR CANDIDATES**

- The number of marks is given in brackets [ ] at the end of each question or part question.
- The total number of marks for this paper is **100**.
- Quality of written communication is assessed throughout this paper.  
 Candidates should:
  - (i) ensure that text is legible and that spelling, punctuation and grammar are accurate so that meaning is clear;
  - (ii) select and use a form and style of writing appropriate to purpose and to complex subject matter;
  - (iii) organise information clearly and coherently, using specialist vocabulary when appropriate.
- This document consists of **8** pages. Any blank pages are indicated.

## 2

You must answer **two** questions from **one** option and **two** questions from another option.

**Forensic Psychology**

- |          |  |             |
|----------|--|-------------|
| <b>1</b> | <b>(a)</b> Outline how brain dysfunction can explain criminal behaviour.                                     | <b>[10]</b> |
|          | <b>(b)</b> Evaluate individual (biological) explanations of criminal behaviour.                              | <b>[15]</b> |
| <b>2</b> | <b>(a)</b> How can an upbringing in a disrupted family explain criminal behaviour?                           | <b>[10]</b> |
|          | <b>(b)</b> Evaluate the use of longitudinal research when considering upbringing as an explanation of crime. | <b>[15]</b> |
| <b>3</b> | <b>(a)</b> Describe <b>one</b> case study as an approach to offender profiling.                              | <b>[10]</b> |
|          | <b>(b)</b> Compare different approaches to creating a profile.   | <b>[15]</b> |
| <b>4</b> | <b>(a)</b> What is the effect on a jury of evidence being ruled inadmissible in court?                       | <b>[10]</b> |
|          | <b>(b)</b> Evaluate the usefulness of research into persuading a jury.                                       | <b>[15]</b> |

You must answer **two** questions from **one** option and **two** questions from another option.

### Health and Clinical Psychology

- 5 (a) How can fear arousal be used as a method of health promotion? [10]  
(b) Assess the effectiveness of methods of health promotion. [15]
- 6 (a) Describe **one** cognitive technique for managing stress. [10]  
(b) Discuss whether stress should be managed by treating the individual or their situation. [15]
- 7 (a) Outline a biological explanation of dysfunctional behaviour. [10]  
(b) To what extent are explanations of dysfunctional behaviour reductionist? [15]
- 8 (a) Outline a behavioural explanation of **one** disorder (**either** affective **or** anxiety **or** psychotic). [10]  
(b) Compare explanations of the disorder you referred to in part (a). [15]

You must answer **two** questions from **one** option and **two** questions from another option.

### Psychology of Sport and Exercise

- 9 (a) Describe **one** piece of research into achievement motivation in sport. [10]  
(b) Evaluate the reliability of research into motivation in sport. [15]
- 10 (a) Describe factors which affect arousal in sport. [10]  
(b) Discuss the usefulness of research into arousal and sport performance. [15]
- 11 (a) Outline **one** piece of research into drug abuse in sport. [10]  
(b) Using your knowledge of psychology, discuss ethical considerations in issues in exercise and sport. [15]
- 12 (a) How can different levels of exercise be related to cancer? [10]  
(b) Discuss methodological difficulties of investigating exercise and pathology. [15]

You must answer **two** questions from **one** option and **two** questions from another option.

### Psychology of Education

- 13 (a)** Outline the cognitive approaches to discovery learning. [10]
- (b)** To what extent can different approaches to teaching be considered scientific? [15]
- 14 (a)** How can cognitive (attribution) theories of motivation be used to encourage appropriate educational behaviours? [10]
- (b)** To what extent is motivation towards appropriate educational behaviours determined? [15]
- 15 (a)** Describe **one** piece of research into biological differences in the brain structures of boys and girls in relation to their educational potential. [10]
- (b)** Discuss the limitations of research into enabling boys and girls to reach their educational potential. [15]
- 16 (a)** How can role models enable minority ethnic groups to reach their educational potential? [10]
- (b)** Discuss the usefulness of research into enabling minority ethnic groups to reach their educational potential. [15]

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