

Write your name here

Surname

Other names

Pearson
Edexcel GCE

Centre Number

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Candidate Number

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Psychology

Advanced

Unit 3: Applications of Psychology

Tuesday 9 June 2015 – Afternoon

Time: 1 hour 30 minutes

Paper Reference

6PS03/01

You do not need any other materials.

Total Marks

Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions from **two** of the four Sections: **A, B, C** and **D**.
- Answer the questions in the spaces provided
– *there may be more space than you need.*

Information

- The total mark for this paper is 60.
- The marks for **each** question are shown in brackets
– *use this as a guide as to how much time to spend on each question.*
- Questions labelled with an **asterisk** (*) are ones where the quality of your written communication will be assessed
– *you should take particular care on these questions with your spelling, punctuation and grammar, as well as the clarity of expression.*

Advice

- Read each question carefully before you start to answer it.
- Check your answers if you have time at the end.

Turn over ►

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PEARSON

Answer ALL questions from TWO of the four Sections: A, B, C and D.

If you answer the questions in Section A put a cross in the box .

SECTION A: CRIMINOLOGICAL PSYCHOLOGY

Answer ALL questions.

A1 Holly set up a laboratory experiment to test eyewitness effectiveness. She asked for volunteers to participate in her study and invited them to watch a video clip of a burglary. After watching the clip, she asked them about what they had seen, and scored how accurately they recalled the burglary.

(a) Using your knowledge of the laboratory experiment as a research method, explain **one or more** ethical issue(s) that Holly should have considered before conducting her study.

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(b) How could Holly have made sure that her study into eyewitness effectiveness was reliable?

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(c) Explain why a field experiment might have been a better research method for Holly to use to test eyewitness effectiveness.

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(Total for Question A1 = 9 marks)



A2 (a) Outline the procedure of **one** study in Criminological Psychology, **other than** Loftus and Palmer (1974).

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(b) Outline **one** practical application/use in Criminological Psychology of the study you have described in (a).

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(c) Evaluate the study you have described in (a) in terms of validity **and** generalisability.

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(Total for Question A2 = 9 marks)



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(Total for Question A3 = 12 marks)

TOTAL FOR SECTION A = 30 MARKS



If you answer the questions in Section B put a cross in the box .

SECTION B: CHILD PSYCHOLOGY

Answer ALL questions.

B1 Mario is 12 months old and taking part in the 'strange situation' procedure. Mario becomes distressed when separated from his caregiver, and is not easily soothed when they are reunited.

(a) State the attachment type that best defines Mario's behaviour according to the 'strange situation' procedure.

(1)

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(b) Explain what the findings of cross-cultural research using the 'strange situation' procedure tells us about the nature of attachment.

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(c) Evaluate the 'strange situation' procedure in terms of reliability **and** at least one ethical issue.

(4)

Area containing horizontal dotted lines for writing the answer.

(Total for Question B1 = 8 marks)



B2 Many different research methods can be used to study child development. Researchers select a research method appropriate to the situation.

(a) Explain why the case study research method was the most appropriate research method to use in the case of Genie (Curtiss, 1977).

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(b) Describe **one** research method, **other than** the case study, that could be used to investigate child development.

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(c) Outline **two** features of a developmental disorder that might affect a child's development.

(2)

Developmental disorder

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(Total for Question B2 = 10 marks)



***B3** Describe **and** evaluate research into the effects of deprivation/separation of a child from their primary caregiver. In your evaluation, you **must** include how the negative effects of deprivation/separation may be reduced.

(12)

Dotted lines for writing.



Handwriting practice area with 25 horizontal dotted lines.



(Total for Question B3 = 12 marks)

TOTAL FOR SECTION B = 30 MARKS



If you answer the questions in Section C put a cross in the box .

SECTION C: HEALTH PSYCHOLOGY

Answer ALL questions.

C1 Recreational drugs have an effect on the neural and/or hormonal systems of the body.

(a) Outline the mode of action of **one** recreational drug you have studied.

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(b) Prolonged use of recreational substances can lead to substance misuse and dependency. Dependency is often treated with biological interventions.

Evaluate **one** biological treatment as it is used to treat drug dependency. Include at least one strength **and** one weakness in your answer.

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Biological treatment

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(c) You will have studied one other way of treating substance misuse, which is different to the one you have used in (b).

Explain why this different treatment may be more appropriate to treat substance misuse than the one you have used in (b).

(2)

Treatment

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(Total for Question C1 = 9 marks)



C2 Natalia is investigating the effects of drugs, and is using animals in her laboratory research.

(a) Explain **one or more** ethical issues that Natalia would have to consider when conducting her research.

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(Total for Question C2 = 9 marks)



Handwriting practice area with 25 horizontal dotted lines.



(Total for Question C3 = 12 marks)

TOTAL FOR SECTION C = 30 MARKS



If you answer the questions in Section D put a cross in the box ☒ .

SECTION D: SPORT PSYCHOLOGY

Answer ALL questions.

D1 Brian is a competitive showjumper. Over the past year, Brian has improved his riding position on a horse and his course time, and he is now able to jump higher fences without fault.

- (a) Explain how **one** psychological technique to improve sporting performance could be used to improve Brian's showjumping.

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(b) Evaluate the psychological technique to improve sporting performance that you have explained in (a).

(4)

Dotted lines for writing the answer.



(c) You will have studied one other psychological technique used to improve sporting performance that is different to the one you have used in (b).

Explain why this different psychological technique may be better for Brian to use.

(2)

Technique

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(Total for Question D1 = 9 marks)



P 4 5 4 0 8 A 0 2 9 3 6

D2 (a) Carmela wants to investigate whether personality traits are associated with sporting performance. She has decided to use a questionnaire to gather her data.

Describe how Carmela might use a questionnaire to gather data on **both** personality **and** sporting performance.

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(b) Once Carmela received her completed questionnaires from participants, she decided to use a correlation on the findings.

Explain how Carmela could use a correlation to analyse her findings.

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(c) Outline **one** weakness of the correlation method that Carmela should have considered in her research.

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(Total for Question D2 = 9 marks)



***D3** Describe **and** evaluate the Inverted U Hypothesis as an explanation used in Sport Psychology. In your evaluation you **must** compare the Inverted U Hypothesis with a different explanation of the effects of arousal, anxiety and/or the audience in Sport Psychology.

(12)

Dotted lines for writing the answer.



Handwriting practice area with 25 horizontal dotted lines.



Blank writing area with horizontal dotted lines.

(Total for Question D3 = 12 marks)

TOTAL FOR SECTION D = 30 MARKS
TOTAL FOR PAPER = 60 MARKS



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