

Pearson Edexcel GCSE
Paper Reference 5PS02/01

Psychology
Unit 2: Social and Biological
Psychological Debates

Thursday 8 June 2017 – Afternoon

Time: 1 hour 45 minutes

plus your additional time allowance

You do not need any other materials.

See the Instructions, Information and Advice on the next two pages.

Surname					
Other names					
Centre Number					
Candidate Number					

Y48566A

Instructions

- Use **BLACK** ink or ball-point pen.
- **FILL IN THE BOXES** on the front page with your name, centre number and candidate number.
- Answer **ALL** questions.
- Answer the questions in the spaces provided – there may be more space than you need.

(Turn over)

Information

- The total mark for this paper is 90.
- 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.
- Try to answer every question.
- Check your answers if you have time at the end.

(Turn over)

Some questions must be answered with a cross in a box ☐. If you change your mind about an answer, put a line through the box ☒ and then mark your new answer with a cross ☐.

TOPIC C: Do TV and video games affect young people's behaviour?

Answer ALL questions. You are advised to spend approximately 35 minutes, plus your additional time allowance, on Topic C.

(Question begins on the next page)

(Turn over)

1 Charlton et al. (2000) investigated whether TV would have an effect on aggressive behaviour in children in St. Helena.

(a) State what type of research method Charlton et al. (2000) used. (1 mark)

(Question continues)

(Turn over)

- (b) Name the experimental (participant) design used by Charlton et al. (2000). (1 mark)**

(Question continues)

(Turn over)

- (c) State ONE aggressive and ONE non-aggressive behaviour Charlton et al. (2000) were looking for in their study. (2 marks)**

Aggressive

Non-aggressive

(Question continues)

(Turn over)

(d) The major conclusion of Charlton et al.'s (2000) study was that television viewing: (1 mark)

- ☐ **A is not influenced by the environment or close-knit community**
- ☐ **B does not inevitably influence children's social behaviour**
- ☐ **C leads to more anti-social behaviour from girls**
- ☐ **D does inevitably influence children's social behaviour**

(Question continues)

(Turn over)

(e) Explain ONE strength of Charlton et al.'s (2000) study. (2 marks)

(Continue answer on next page)

(Turn over)

(Question continues)

(Turn over)

- (f) Explain ONE weakness of
Charlton et al.'s (2000) study.
(2 marks)**

(Continue answer on next page)

(Turn over)

(Total for Question 1 = 9 marks)

(Turn over)

2 Vanessa has been excluded from her hockey team for fighting with another hockey player during training.

(a) Using the limbic system / amygdala as a biological explanation of aggression, explain why Vanessa may have been fighting with the other player. (2 marks)

(Continue answer on next page)

(Turn over)

(Question continues)

(Turn over)

- (b) Identify ONE biological explanation for aggression OTHER THAN the limbic system / amygdala. (1 mark)**
-
-

(Question continues)

(Turn over)

- (c) Outline ONE strength and ONE weakness of the biological explanation of aggression. (4 marks)**

Strength

(Continue answer on next page)

(Turn over)

(Continue answer on next page)

(Turn over)

Weakness

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(Total for Question 2 = 7 marks)

(Turn over)

- 3 (a) Identify TWO qualifications required to be an educational psychologist.**

Mark TWO boxes. (2 marks)

- ☐ **A GCSE Psychology qualification**
- ☐ **B BPS recognised Psychology degree**
- ☐ **C Experience in a prison setting with offenders**
- ☐ **D Chartered status with the BPS**
- ☐ **E Interest in how children develop**

(Question continues)

(Turn over)

Jason pushed over a table in a classroom and then knocked a fire extinguisher off the wall when he stormed out of a lesson. He was then sent to his head teacher.

The head teacher asked an educational psychologist to help Jason with his anger management problem.

- (b) Explain how an educational psychologist could help Jason with his anger management problem. (3 marks)**

(Continue answer on next page)

(Turn over)

(Continue answer on next page) **(Turn over)**

(Turn over)

4 Shane has downloaded a new video game for his mobile phone. He played against his friends and noticed that the game contained a lot of aggression.

**(a) Describe how Shane can use a content analysis on the amount of aggression in the video game.
(4 marks)**

(Continue answer on next page)

(Turn over)

(Continue answer on next page) **(Turn over)**

(Continue answer on next page) **(Turn over)**

(Question continues)

(Turn over)

- (b) Explain ONE way that Shane could have made sure his content analysis was reliable. (2 marks)**

(Continue answer on next page)

(Turn over)

(Question continues)

(Turn over)

(c) Shane is worried that the findings of his content analysis are open to interpretation. This is an example of: (1 mark)

☐ **A generalisability.**

☐ **B ethics.**

☐ **C objectivity.**

☐ **D subjectivity.**

(Question continues)

(Turn over)

Shane is considering giving the video game to his younger brother to see if he finds the game aggressive.

- (d) Suggest how Shane could deal with the ethical issue of protection of participants with regard to his younger brother. (2 marks)**

(Continue answer on next page)

(Turn over)

(Total for Question 4 = 9 marks)

TOTAL FOR TOPIC C = 30 MARKS

(Turn over)

TOPIC D: Why do we have phobias?

Answer ALL questions. You are advised to spend approximately 35 minutes, plus your additional time allowance, on Topic D.

(Question begins on the next page)

(Turn over)

- 5 (a) Classical conditioning is a theory used to explain the causes of a phobia.**

Identify TWO terms that are used in classical conditioning from the list below.

Mark TWO boxes. (2 marks)

- ☐ **A Unconditioned stimulus**
- ☐ **B Modelling**
- ☐ **C Vicarious reinforcement**
- ☐ **D Reinforcer**
- ☐ **E Neutral stimulus**

(Question continues)

(Turn over)

- (b) Generalisation is part of classical conditioning as an explanation of a phobia.**

Identify the definition of generalisation. (1 mark)

- ☐ **A The process of observing and imitating a fear from a role model.**
- ☐ **B The process of transferring a fear from one object to other similar objects.**
- ☐ **C The process of acquiring a fear of dangerous animals to ensure our survival.**
- ☐ **D The process of learning to fear an object through being rewarded and punished.**

(Total for Question 5 = 3 marks)

(Turn over)

6 One way of investigating phobias in psychology is by using animals in laboratory experiments.

(a) Outline TWO practical issues and TWO ethical issues when using animals in laboratory experiments. (4 marks)

Practical issues

(Continue answer on next page) (Turn over)

(Continue answer on next page)

(Turn over)

Ethical issues

(Continue answer on next page)

(Turn over)

(Question continues)

(Turn over)

An alternative way of investigating phobias is through the use of the questionnaire as a research method.

(b) Define the following terms as used in the questionnaire method:

**(i) open-ended question
(1 mark)**

(Question continues)

(Turn over)

(ii) closed question. (1 mark)

(Question continues)

(Turn over)

(c) Rank (Likert) scale questions collect: (1 mark)

☐ **A qualitative data.**

☐ **B quantitative data.**

(Question continues)

(Turn over)

Bennett-Levy and Marteau (1984) used the questionnaire method in their study.

- (d) State ONE aim of Bennett-Levy and Marteau's (1984) study.
(1 mark)**

(Question continues)

(Turn over)

- (e) Outline ONE finding of Bennett-Levy and Marteau's (1984) study.
(1 mark)**

(Question continues)

(Turn over)

- (f) Evaluate the use of the questionnaire method when investigating phobias. (4 marks)**

(Continue answer on next page)

(Turn over)

(Continue answer on next page) **(Turn over)**

(Turn over)

7 Javinder was at home with his father when he saw a large spider in their garage. At first Javinder was not scared. However, he began to show signs of distress after his father screamed at the sight of the spider.

**(a) Using your knowledge of social learning theory, explain why Javinder showed signs of distress in response to the spider.
(4 marks)**

(Continue answer on next page)

(Turn over)

(Continue answer on next page) **(Turn over)**

(Continue answer on next page) **(Turn over)**

(Question continues)

(Turn over)

- (b) Explain where social learning theory as an explanation of a phobia would lie in terms of the nature-nurture debate. (2 marks)**

(Continue answer on next page)

(Turn over)

(Question continues)

(Turn over)

After some time Javinder was too scared to go to school as he was worried a spider might appear. His mother decided to take him to a clinical psychologist to treat him.

- (c) Describe how a clinical psychologist could carry out systematic desensitisation to treat a phobia. (4 marks)**

(Continue answer on next page) (Turn over)

(Continue answer on next page) **(Turn over)**

(Continue answer on next page) **(Turn over)**

(Question continues)

(Turn over)

- (d) (i) Identify ONE therapy
OTHER THAN systematic
desensitisation that could be
used to treat a phobia.
(1 mark)**
-
-

(Question continues)

(Turn over)

- (ii) Using the therapy you have identified in (d)(i), explain how Javinder's phobia of spiders could be treated. (3 marks)**

(Continue answer on next page)

(Turn over)

(Continue answer on next page) **(Turn over)**

60

(Total for Question 7 = 14 marks)

TOTAL FOR TOPIC D = 30 MARKS

(Turn over)

TOPIC E: Are criminals born or made?

Answer ALL questions. You are advised to spend approximately 35 minutes, plus your additional time allowance, on Topic E.

8 Sebastian has been convicted of a crime. There are biological and social explanations for Sebastian's criminal behaviour.

(a) Outline the influence of genetics as a biological explanation of criminality. (2 marks)

(Continue answer on next page) (Turn over)

(Continue answer on next page) **(Turn over)**

(Question continues)

(Turn over)

- (b) Compare ONE biological and ONE social explanation for criminality. Comparisons include similarities and / or differences. (3 marks)**

(Continue answer on next page)

(Turn over)

(Continue answer on next page) **(Turn over)**

(Question continues)

(Turn over)

Theilgaard (1984) carried out a study investigating the role of the XYY gene as a possible biological explanation for criminality.

- (c) Outline ONE strength of Theilgaard's (1984) study. (2 marks)**

(Continue answer on next page) (Turn over)

(Total for Question 8 = 7 marks)

(Turn over)

9 Madon et al. (2004) carried out a study investigating a social explanation of criminality.

(a) Explain ONE ethical issue when conducting social research into criminality. (2 marks)

(Continue answer on next page)

(Turn over)

(Question continues)

(Turn over)

Madon et al. (2004) collected quantitative data when carrying out their study.

(b) One weakness of quantitative data is that it: (1 mark)

- ☐ **A is subjective.**
- ☐ **B is difficult to analyse.**
- ☐ **C gives limited detail.**
- ☐ **D lacks objectivity.**

(Question continues)

(Turn over)

(c) Identify ONE strength of Madon et al.'s (2004) study. (1 mark)

- ☐ **A It was ethical to test drinking behaviour using a questionnaire.**
- ☐ **B It showed a cause and effect relationship between expectations and drinking behaviour.**
- ☐ **C Parents did not lie on the questionnaires so it was a valid measure.**
- ☐ **D There was no social desirability from the parents who answered the questionnaire.**

(Total for Question 9 = 4 marks)

(Turn over)

- 10 (a) Explain ONE way a forensic psychologist may treat offenders. (4 marks)**

(Continue answer on next page)

(Turn over)

(Continue answer on next page) **(Turn over)**

(Question continues)

(Turn over)

Forensic psychologists may have to gather information from convicted offenders when treating offenders.

(b) Outline ONE practical problem with gathering information from convicted offenders. (2 marks)

(Continue answer on next page)

(Turn over)

(Total for Question 10 = 6 marks)

(Turn over)

- 11 Sharon is a forensic psychologist. She has been asked by the local police department to help it catch those responsible for a series of burglaries in the local area.**

**Explain how Sharon could use offender profiling to help the local police catch those responsible for the burglaries.
(3 marks)**

(Continue answer on next page) (Turn over)

(Continue answer on next page) **(Turn over)**

(Total for Question 11 = 3 marks)

(Turn over)

***12 Describe AND evaluate the effects of characteristics such as race, accent and appearance / attractiveness on jury decision making. (10 marks)**

(Continue answer on next page)

(Turn over)

(Continue answer on next page) **(Turn over)**

(Continue answer on next page) **(Turn over)**

(Continue answer on next page) **(Turn over)**

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(Continue answer on next page) **(Turn over)**

(Continue answer on next page) **(Turn over)**

(Total for Question 12 = 10 marks)

TOTAL FOR TOPIC E = 30 MARKS

TOTAL FOR PAPER = 90 MARKS