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<b>Monday 10 June 2019</b>													
Time: 3 hours						Paper Reference <b>20151K</b>							
<b>Forensic and Criminal Investigation</b> <b>Unit 7: Applications of Criminal and Forensic Psychology</b>													
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 learner registration number.
- Answer **all** activities.
- Answer the activities 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** activity are shown in brackets  
– *use this as a guide as to how much time to spend on each activity.*

### Advice

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

Turn over ►

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### Instructions for Learners

**Read the set task information carefully.**

You are advised to spend 30 minutes reading through all the stimulus material in the set task carefully.

You must use the stimulus material to complete the activities in the set task.

You may add your own notes to the stimulus material before starting the activities.

Plan your time so you can finish all the activities.

You will complete the activities within the set task under supervision and your work will be kept securely during any breaks taken.

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### Set Task Information

Forensic psychologists offer explanations to other professionals in the criminal justice system for why an offender may commit a crime. They may also recommend treatment programmes to change offender behaviour. Forensic psychologists work with the police to create offender profiles to narrow down the number of potential suspects, support interview techniques and prevent further crimes.

#### Activity 1: Psychological approaches of behaviour

You should spend 50 minutes on this activity.

Use **Case study 1**, **Figure 1** and **Figure 2** to complete this activity.

(Total for Activity 1 = 20 marks)

#### Activity 2: Treatment programme to change future behaviour

You should spend 50 minutes on this activity.

Use **Case study 1** to complete this activity.

(Total for Activity 2 = 20 marks)

#### Activity 3a: Offender profiling

You should spend 30 minutes on this activity.

Use **Case study 2** to complete this activity.

(Total for Activity 3a = 12 marks)

#### Activity 3b: Assessment of an offender profile

You should spend 20 minutes on this activity.

(Total for Activity 3b = 8 marks)

**TOTAL FOR TASK = 60 MARKS**



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## Set Task

**You must complete ALL activities within the set task.**

Please do not write answers outside the spaces provided below.

Use **Case study 1, Figure 1** and **Figure 2** to complete activities 1 and 2.

### Case study 1

Kevin, aged 24, is the only child of parents Linda and Desmond. His mother is White British and his father is Jamaican. He was the only dual-heritage<sup>1</sup> child in his class and was bullied at secondary school. Kevin felt he was bullied because he was smaller than the other boys in his class. However, his mother constantly told him he was more intelligent than the other boys and that they were jealous of how 'perfect' he was.

At university Kevin started to exercise. He found using the gym helped him get fitter and feel better about himself. Kevin met Louisa in his last year of university and they quickly moved in together. Kevin continued to enjoy going to the gym, especially after he met Darren, aged 30. Darren and his group of friends spent most of their time in the weights section. As Kevin started to get to know Darren he spent most of his time with their group doing weights. When they were together they often joked about the other men at the gym, and how they weren't as strong or as fit as them. Kevin enjoyed being part of the group of bodybuilders and he felt that he fitted in with them.

Two years ago, Darren gave Kevin some anabolic steroids. Darren showed Kevin pictures of the change in how he looked since taking steroids and told him about the difference it made to his performance in the gym. Kevin decided he wanted to look like Darren and be as strong as him. Since then, Kevin has continued to take anabolic steroids to help him build more muscle. Building more muscle has increased his confidence and he feels better about himself. He enjoys making fun of the 'weedy' men in the gym who have 'no idea what they are doing'. Kevin has been entering bodybuilding competitions so that people finally see his worth.

Last month Kevin and Louisa split up. Louisa said he was constantly getting angry and he wasn't interested in having a sexual relationship with her anymore. He said that Louisa wasn't good enough for him and he could do much better. She said that Kevin had become more aggressive since he started spending time with Darren and his friends.

Since Kevin split up with Louisa, he has been going out more and getting drunk. Last weekend when he was out with Darren and the rest of his friends, Kevin thought that a group of men were laughing at him. Kevin felt really angry and went over to the group. He punched and kicked one man repeatedly. The man is now in intensive care in hospital and Kevin has been charged with attempted murder.

<sup>1</sup>Dual-heritage is when a person has parents each from a different cultural or ethnic background.

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**Figure 1: Self-reported adverse effects and problems caused by anabolic steroid use**

Type of adverse effect	Percentage reported of 592 users of steroids
Testicular atrophy (shrinkage of testicles)	58%
Change in sex drive	53%
Sleep difficulties	41%
Increased aggression / irritability	39%
Mood swings	39%

(Source: Adapted from Public Health Institute, 2017)

**Figure 2: Self-reported motivations for anabolic steroid use**

Motivations	Ranked by mean score Scale: 1 (not important) to 10 (extremely important)
Improve body image / cosmetic purposes	8.27
Non-competitive bodybuilding	6.97
Improve sporting performance	5.48
Competitive bodybuilding	3.67
Keep youthful appearance	3.03
Other, e.g. physical strength, cope with depression, increase confidence	2.67

(Source: Adapted from Public Health Institute, 2017)



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## Activity 2

Recommend and justify a treatment programme which could be used with Kevin to try and change his future behaviour.

In your answer you should make reference to:

- **case study 1**
- at least **one** named psychological study
- the likely effectiveness of the treatment for Kevin.

*You should spend 50 minutes on this activity.*

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(Total for Activity 2 = 20 marks)





Use **Case study 2** to complete activity 3.

## Case study 2

### ***Terrified families speak of anger as they are terrorised in their own homes***

Twelve Asian families, in the Latham area, have had bricks thrown through their windows over the last month. The first attack occurred four weeks ago when Mr and Mrs Mukherjee had a brick thrown through their living room window. The family told police that before the brick had been thrown through the window, they had heard a group shouting racial abuse outside. When Mr Mukherjee looked out of his upstairs bedroom window he saw a group of five people in the street at around 11.30pm. When they saw Mr Mukherjee watching them, they shouted abuse at him and then threw the brick through his downstairs living room window. They were laughing loudly, and then ran away. Mr Mukherjee told police he had never seen them before and doesn't know anyone who might want to do this to his family. He stated that it was too dark to identify the offenders and they were all wearing dark clothes.

Since the attack on the Mukherjee's, 11 other families have had bricks thrown through ground floor windows at the front of their homes. Five of these attacks have occurred in the last week. Police have been unable to identify the offenders from any evidence left at the scene or on the bricks. The bricks are believed to have been taken from a local building site within a two mile radius of all the crime scenes. Some blood was found on one of the bricks used in the attacks but no DNA match was found in the police database.

All the attacks were on the Orchard Housing Estate. This area is mostly social housing (a mix of housing association and council-owned properties). All the attacks happened between 11.30pm and 1.30am. As this is after most of the residents have gone to bed, there have been no injuries to individuals. None of the families report any recent difficulties with anyone in their local area. The only common feature of the families is that they are Asian and all have teenage children.

Police have reviewed local CCTV footage from the Orchard Housing Estate. A number of CCTV clips show a group of three to five individuals within half a mile of the scene around the time of the crimes.

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### Activity 3a

Complete the offender profile template using the information given in **case study 2**. Consider at least **six** features you would highlight as being significant.

*You should spend 30 minutes on this activity.*

(12)

Profiling feature:

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Evidence from the case study:

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Profiling feature:

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Evidence from the case study:

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Profiling feature:

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Evidence from the case study:

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Activity 3b

Assess the usefulness of using the offender profile you have created in supporting the work of the police.

*You should spend 20 minutes on this activity.*

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**(Total for Activity 3b = 8 marks)**

**TOTAL FOR TASK = 60 MARKS**





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