Please check the examination details be	elow before entering your candidate information
Candidate surname	Other names
Pearson BTEC Level 3 Nationals Extended Diploma	Learner Registration Number
Friday 15 Janua	ary 2021
Morning (Time: 3 hours)	Paper Reference 20151K
Forensic and Crir Unit 7: Applications of C Forensic Psychology	minal Investigation Criminal and
You do not need any other materia	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 and Figure 1 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.

Use Case study 1 and Figure 1 to complete Activities 1 and 2.

Case study 1

Toby is 15 years old and lives with his mum and dad. Both of his parents are unable to work. His mum had a stroke when Toby was six months old and spent three months in hospital. She felt she wasn't able to bond with Toby in the same way as she had with her other two sons.

Toby's dad cares for his mum full-time. His dad also cares for Toby who has always needed a lot more support to manage day-to-day life than his older brothers did. Up until recently, Toby's dad used to help him get ready for school, do his homework, and supervise him when he was with other children. Over the last year, Toby's dad has reduced the amount of help he gives Toby to try and develop Toby's independence.

Toby has two older brothers, aged 24 and 27. His brothers did well at school and have both been to university. None of Toby's family has ever committed a crime. Toby has always needed extra support at school and his family have always felt he was behind his brothers in his learning.

Toby has always been impulsive; he doesn't take time to think about something before acting. He can be very angry at home, often shouting and swearing at his mum and blaming her for not being able to look after him when he was younger. His mum finds it difficult to speak after the stroke and often cries because she is upset that she cannot do more. Toby seems unaffected when his mum cries and doesn't show care or concern.

Toby likes to play basketball and watch basketball games on TV. He is the tallest in his family at 6 foot 3 inches, and dreams of being a basketball player. Toby's dad encourages him to play basketball as it seems to help him burn off some energy. Toby's dad says that since he was a little boy he has always been 'too lively'.

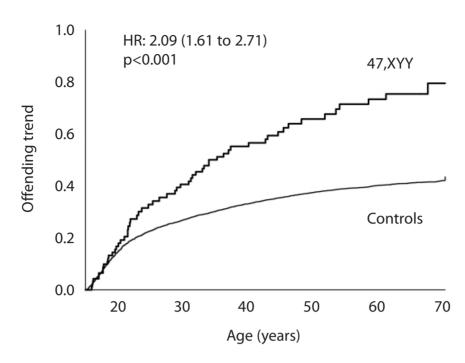
Six months ago, Toby joined a local gang. He likes hanging around with the older boys, even though some of them call him 'thick'. The boys often steal and behave aggressively with each other and members of the public. The older boys often get him to break the law by shoplifting or stealing money off younger kids. Toby likes the praise he gets from the gang and says he enjoys 'feeling good and fitting in'. Toby has been staying out until midnight and ignoring his parents' requests to be home by 9 pm. Toby has also been stealing money from his parents to give to the other boys in the gang.

One week ago, Toby assaulted a 75-year-old man. The boys in the gang had told him to steal the man's wallet. When he wouldn't hand over his wallet, Toby quickly became frustrated and grabbed the man's walking stick and repeatedly hit him with it. The gang cheered and filmed the attack. Toby ran off but a witness recognised him and passed his name on to the police. Toby has been arrested and will be prosecuted.



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(Source: adapted from Stochholm et al, 2012)

Figure 1

Graph to show offending trends for individuals with XYY compared to controls

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Act	iν	ity	1

Discuss **two** different psychological approaches which you could use to explain Toby's behaviour. In your answer you must make reference to:

- one biological approach which could help explain Toby's behaviour
- one non-biological approach which could be used to explain Toby's behaviour
- at least **two** named psychological studies
- Case study 1 and Figure 1 to help support or challenge the two psychological approaches chosen.

You should spend 50 minutes on this activity.	(20)

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(Total for Activity 1 = 20 marks)

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Activity 2	
Recommend and justify a treatment programme which could be used with try and change his future behaviour.	n Toby to
n your answer you should make reference to:	
Case study 1	
at least one named psychological study	
the likely effectiveness of the treatment for Toby.	
You should spend 50 minutes on this activity.	
	(20)



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(Total for Activity 2 = 20 marks)
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Use Case study 2 to complete Activity 3.

Case study 2

Local businesses losing joints of meat

Two individuals seen pulling two-wheeled shopping trolleys, shown in Figure 2, have been caught on CCTV. Police suspect these individuals are responsible for stealing joints of meat from local shops in Tuttleham. The individuals were only seen from behind, however they had the same colour shopping trolleys that local witnesses have spotted during thefts from shops.



Figure 2

Tuttleham is an urban area, surrounded by local villages. Tuttleham has a high level of deprivation and high rates of crime for drug offences, theft and domestic violence. Police have reported an increase in the number of thefts from supermarkets and local shops during the last three months.

Mrs Cowton from the local butchers said, "They come in with their shopping trolleys, wearing gloves, – one of them asks for something more unpopular like ox kidney and while we go out the back to find some, the other person steals some items from the fridge......I just don't understand, even though it has happened on five different occasions, it's not always the same person so I feel like we get caught out all the time. They always seem to be wearing lots of layers of clothes, even though it's been a bit hot recently".

John Pigglesworth, the manager of the local supermarket Fresher-Now, said, "Soon we are going to need to stop people coming in the store with their own shopping trolleys. We don't want to do this because many of our elderly and disabled customers use them – but we cannot afford to keep having joints of meat stolen like this".

The crimes have all occurred in Tuttleham, an urban area of three-square miles. No crimes have happened in the surrounding local villages. The crimes have all happened between the hours of 1100–1600 hours.

Descriptions of the individuals have been variable, with different hair colours and lengths. The one feature that has been consistent is the dark coloured pull-along shopping trolleys.



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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:	(12)
Evidence from the case study:	
Profiling feature:	
Evidence from the case study:	
Profiling feature:	
Evidence from the case study:	



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Profiling feature:	
Evidence from the case study:	
Profiling feature:	
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Profiling feature:	
Evidence from the case study:	
	(Total for Activity 3a = 12 marks)

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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.	
	(8)



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(Total for Activity 3b = 8 marks)
(Total for Metroley 55 – 6 marks)
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