Please check the examination de	tails bel	ow before ente	ring your candidate information
Candidate surname			Other names
Pearson Edexcel Level 3 GCE	Cen	tre Number	Candidate Number
<b>Time</b> 1 hour 30 minutes		Paper reference	9MT0/03
Music Technolo Advanced COMPONENT 3: List			alysing
You must have: audio CD, headphones and individual CD player.  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.
- Answer the questions in the spaces provided
  - there may be more space than you need.
- Access to music production software or the internet is not permitted.

#### Information

- The total mark for this paper is 75.
- The marks for **each** question are shown in brackets
  - use this as a guide as to how much time to spend on each question.

### **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.
- Good luck with your examination.

Turn over ▶





# **SECTION A**

Answer ALL questions. Write your answers in the spaces provided.

	-		ns must be answered with a cross in a box $oxtimes$ . If you change your minut a line through the box $oxtimes$ and then mark your new answer with a			
1	Paloma Track 1	Faith	n: Crybaby (2017)			
	(a) Identify the most appropriate quantise value for the claps in the pre-chorus (0:31–0:49).					
	×	A	1/8 triplet	(1)		
	$\times$	В	1/8			
	×	C	1/4			
	$\boxtimes$	D	1/2			
	(b) Ident	tify th	ne musical style that best fits the chorus (0:49–1:27).	(1)		
	$\times$	A	Ambient			
	×	В	Disco			
	X	C	Grunge			
	X	D	Hip-hop			
			<b>wo</b> changes heard in the pre-chorus (0:31–0:49) in comparison to (0:12–0:30).	(2)		
1.				\-/		
2						



(d)	Identify parameter settings for the vocal reverb in the first verse (0:12-0:30) using
	the table below.

Parameter	Identify setting used
Reverb type	
	(1)
Reverb time (in seconds)	
	(1)
Wet level %	
	(1)

(e)	A multi-band limiter was applied to the song during mastering. Describe the
	benefits of using a multi-band limiter when preparing a song for commercial
	release.

(3)

(Total for Question 1 = 10 marks)

## 2 Rick Wakeman: *Part I – The Warning* (1976) Track 2

between 1:10-1:58.

(a) This song was recorded in 1976 using analogue technology. Using the table below, identify faults heard that result from limitations of this technology.

(3)

Location	Fault resulting from limitations of analogue technology
0:02	
2:10	
4:54	

(b) Apart from synthesisers, name two electric keyboard instruments that play between 0:48–1:58.

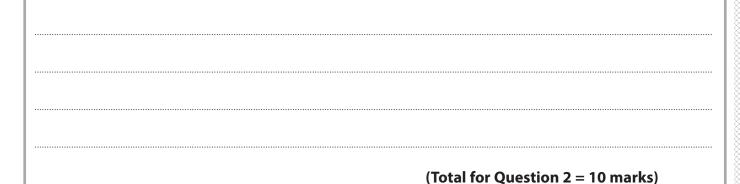
(2)

(c) Apart from reverb and compression, identify **one** effect used on the bass guitar

(1)

(d) Describe the low pass filtering used on the synthesiser between 0:02-0:39.

(4)





	en u	9:09–0:32.	(1)
(b) (i) Ide	entify	y the note length of the vocal delay heard at 0:33.	
$\times$	A	1/16	(1)
$\times$	В	1/8	
$\boxtimes$	C	1/4	
×	D	1/2	
		ng has a tempo of 104 bpm. Identify the delay time that would be ed to recreate the vocal delay heard at 0:33.	(1)
X	A	480 ms	
$\times$	В	577 ms	
$\boxtimes$	C	1 s	
×	D	1.15 s	
(iii) De	escrik	pe the reason behind your choice for part (b)(ii).	(1)



(c) Describe the lead vocal compression.	(3)
(d) Describe the mid and low frequency EQ used on the acoustic guitar.	(3)
(Total for Question 3 =	10 marks)

(a) Identi	fy the pan settings o	of the instrumer	its in the table	below.	(2)
	Track	Pan setting			]
	Tambourine	□ L □ C □ R			
	Piano	× L	⊠ R		
	n the <b>main</b> recordir een 0:00–0:02.	ng problem heai	d in the drum	introduction	(2)
	in <b>three</b> ways in whi		e techniques h	nave changed s	since this
					(6)
		1900s.			(6)
		1900s.			(6)
		1900s.			(6)
		1900s.	(Tota	al for Question	n 4 = 10 marks)



# **SECTION B**

	Answer both Questions 5 and 6. Write your answers in the spaces provide	ea.
5	R.E.M: Losing My Religion (1991) Track 5	
	and	
	Lacuna Coil: <i>Losing My Religion</i> (2012) Track 6	
	Evaluate the production techniques in both versions of the song.	(15)





(Total for Question 5 = 15 marks)



6	Eric B. & Rakim: <i>Eric B. Is President</i> (1986) Track 7	
	This song was first released in 1986 and uses digital sampling. Evaluate the use of digital sampling within the song as well as the wider impact this technology has had on music production from the 1980s to the present day.	
		(20)





(Total for Question 6 = 20 marks)
·
<b>TOTAL FOR SECTION B = 35 MARKS</b>
<b>TOTAL FOR PAPER = 75 MARKS</b>



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