

Please check the examination details below before entering your candidate information

Candidate surname

Other names

**Pearson Edexcel
Level 3 GCE**

Centre Number

--	--	--	--	--

Candidate Number

--	--	--	--	--

Time 1 hour 30 minutes

**Paper
reference**

9MT0/03

Music Technology

Advanced

COMPONENT 3: Listening and analysing

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 ►

P67135A

©2021 Pearson Education Ltd.

1/1



Pearson

SECTION A

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

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 ☒.

1 Paloma Faith: *Crybaby* (2017)

Track 1

(a) Identify the most appropriate quantise value for the claps in the pre-chorus (0:31–0:49). (1)

A 1/8 triplet

B 1/8

C 1/4

D 1/2

(b) Identify the musical style that best fits the chorus (0:49–1:27). (1)

A Ambient

B Disco

C Grunge

D Hip-hop

(c) Identify **two** changes heard in the pre-chorus (0:31–0:49) in comparison to the verse (0:12–0:30). (2)

1

2

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

(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**

- (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)

1

2

- (c) Apart from reverb and compression, identify **one** effect used on the bass guitar between 1:10–1:58.

(1)

.....

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

(4)

.....

.....

.....

.....

.....

.....

(Total for Question 2 = 10 marks)



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

3 The Cardigans: *Erase/Rewind* (1998)
Track 3

(a) Identify the type of distortion added as a send/parallel effect on the bass line between 0:09–0:32. (1)

(b) (i) Identify the note length of the vocal delay heard at 0:33. (1)

- A 1/16
- B 1/8
- C 1/4
- D 1/2

(ii) This song has a tempo of 104 bpm. Identify the delay time that would be required to recreate the vocal delay heard at 0:33. (1)

- A 480 ms
- B 577 ms
- C 1 s
- D 1.15 s

(iii) Describe the reason behind your choice for part (b)(ii). (1)



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

(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)



4 Marvin Gaye: *How Sweet It Is (To Be Loved By You)* (1964)
Track 4

(a) Identify the pan settings of the instruments in the table below.

(2)

Track	Pan setting		
Tambourine	<input type="checkbox"/> L	<input type="checkbox"/> C	<input type="checkbox"/> R
Piano	<input type="checkbox"/> L	<input type="checkbox"/> C	<input type="checkbox"/> R

(b) Explain the **main** recording problem heard in the drum introduction between 0:00–0:02.

(2)

.....

.....

.....

(c) Explain **three** ways in which piano capture techniques have changed since this song was recorded in the 1960s.

(6)

1

.....

.....

.....

.....

2

.....

.....

.....

.....

3

.....

.....

.....

(Total for Question 4 = 10 marks)

TOTAL FOR SECTION A = 40 MARKS



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

Handwriting practice area with 25 horizontal dotted lines.



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

(Total for Question 5 = 15 marks)



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

**6 Eric B. & Rakim: *Eric B. Is President* (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)

Area with horizontal dotted lines for writing.



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

Handwriting practice area with 20 horizontal dotted lines.



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

(Total for Question 6 = 20 marks)

TOTAL FOR SECTION B = 35 MARKS
TOTAL FOR PAPER = 75 MARKS



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

BLANK PAGE



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

BLANK PAGE



P 6 7 1 3 5 A 0 1 5 1 6

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

BLANK PAGE

