

Paper Reference 9MT0/03
Pearson Edexcel Level 3 GCE

Music Technology
Advanced
Component 3: Listening and Analysing

Total Marks

Thursday 23 May 2024 – Afternoon

Time: 1 hour 30 minutes

In the boxes below, write your name, centre number and candidate number.

Candidate surname					
Other names					
Centre Number					
Candidate Number					

YOU MUST HAVE

**2024 Pearson audio files, headphones
and computer with media playing software**

YOU WILL BE GIVEN

Diagram Booklet

INSTRUCTIONS

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.**

Turn over

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.

Section A

Answer ALL questions in this section.

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 Clean Bandit (featuring Elley Duhé):
Don't Leave Me Lonely (2022)
Track 1**

- (a) Look at the diagram for Question 1 (a) in the Diagram Booklet. Draw ONE line on each control to show how you would recreate the EQ heard on the lead vocal between 0:07–0:20.
(2 marks)**

(continued on the next page)

Turn over

QUESTION 1 continued.

- (b) Apart from EQ, reverb and compression, identify FOUR effects or production features used on the vocal parts between 0:34-1:15.**

(4 marks)

1 _____

2 _____

3 _____

4 _____

(continued on the next page)

QUESTION 1 continued.

- (c) (i) Describe the reverb used on the lead vocal between 0:20–0:32.
(3 marks)

(continued on the next page)

Turn over

QUESTION 1 (c) continued.

- (ii) Describe the change in the lead vocal reverb at the end of the song (2:50–2:53).
(1 mark)

(Total for Question 1 = 10 marks)

2 Glen Campbell: Galveston (1969)

Track 2

- (a) For each instrument, identify **ONE** pan position that best represents what is heard in the mix from 0:15 onwards.

(3 marks)

Track	Pan position		
Drum kit	L <input type="checkbox"/>	C <input type="checkbox"/>	R <input type="checkbox"/>
High strings	L <input type="checkbox"/>	C <input type="checkbox"/>	R <input type="checkbox"/>
Lead vocal	L <input type="checkbox"/>	C <input type="checkbox"/>	R <input type="checkbox"/>

(continued on the next page)

QUESTION 2 continued.

- (b) Clipping can be heard on the brass parts in the recording.

Identify **THREE** ways clipping could have been avoided when recording.

(3 marks)

1

2

3

(continued on the next page)

Turn over

QUESTION 2 continued.

- (c) Explain TWO ways the reverb heard on the strings may have been achieved when the song was produced in 1969.
(4 marks)

1

(continued on the next page)

Turn over

QUESTION 2 (c) continued.**2**

(Total for Question 2 = 10 marks)

**3 Herbie Hancock: Chameleon (extract)
(1973) Track 3**

- (a) (i) Identify ONE unwanted noise heard at the start.**

(1 mark)

- (ii) Name TWO types of EQ or filter that could be used to reduce the noise throughout.**

(2 marks)

1

2

(continued on the next page)

Turn over

QUESTION 3 continued.

- (b) Name TWO instruments that feature wah wah between 0:31–1:09.
(2 marks)

1

2

(continued on the next page)

QUESTION 3 continued.

- (c) (i) Describe the oscillator settings required to produce the synth bass sound, first heard at 0:00.
(2 marks)

(continued on the next page)

Turn over

QUESTION 3 (c) continued.

- (ii) Describe the filter settings used on the synth bass sound.
(3 marks)**

The answer space continues on the next page.

QUESTION 3 (c) (ii) continued.

(Total for Question 3 = 10 marks)

**4 David Bowie: Magic Dance
from Labyrinth soundtrack (1986)
Track 4**

- (a) Name TWO percussion sounds heard
between 0:16–0:33 that are not part of a
standard drum kit.
(2 marks)**

1 _____

2 _____

- (b) Apart from EQ, reverb and compression,
identify TWO effects/processors used on
the lead instrument that plays between vocal
lines at 3:34–3:43.
(2 marks)**

1 _____

2 _____

(continued on the next page)

Turn over

QUESTION 4 continued.

- (c) Describe features of the production that make the song typical of the 1980s.
(6 marks)**

The answer space continues on the next page.

QUESTION 4 (c) continued.

(Total for Question 4 = 10 marks)

TOTAL FOR SECTION A = 40 MARKS

Turn over

SECTION B

Answer both Questions 5 and 6. Write your answers in the spaces provided.

5 TOTO: Africa (1982)

Track 5

and

**BACALL & Malo (featuring Prince Osito):
Africa (2016)**

Track 6

Evaluate the production techniques used in each version of the song.

Your response may consider the following production aspects:

- **Capture, production approach and music style**
- **Synthesis, sequencing and sampling**
- **EQ and filtering**
- **Dynamic processing**
- **Pan and stereo field**
- **Effects.**

(15 marks)

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Turn over

QUESTION 5 continued.

The answer space continues on the next five pages.

Turn over

QUESTION 5 continued.

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Turn over

QUESTION 5 continued.

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Turn over

QUESTION 5 continued.

[illegible]

Turn over

QUESTION 5 continued.

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Turn over

QUESTION 5 continued.

[illegible]

(Total for Question 5 = 15 marks)

Turn over

6 Keane: Atlantic (2006)
Track 7

This song uses delay effects.

Evaluate:

- **the use of delay effects within the song**
- **the methods used to create delay effects from the 1940s through to the present day.**

(20 marks)

The answer space continues on the next six pages.

Turn over

QUESTION 6 continued.

[illegible]

Turn over

QUESTION 6 continued.

Turn over

QUESTION 6 continued.

QUESTION 6 continued.

QUESTION 6 continued.

[illegible]

Turn over

QUESTION 6 continued.

(Total for Question 6 = 20 marks)

TOTAL FOR SECTION B = 35 MARKS

TOTAL FOR PAPER = 75 MARKS

END OF PAPER
