

Paper Reference(s) 9MT0/03

Pearson Edexcel Level 3 GCE

Music Technology

Advanced

Component 3: Listening and analysing

Friday 24 May 2019 – Morning

**Time: 1 hour 30 minutes plus your additional
time allowance**

INSTRUCTIONS TO CANDIDATES

Write your centre number, candidate number, surname, other names and your signature in the boxes below, or write these at the top of your first page of word processed answers. Check that you have the correct question paper.

Centre No.					
Candidate No.					
Surname					
Other names					
Signature					
Paper Reference	9	M	T	0	/ 0 3



- **Use BLACK ink or ball-point pen, or your approved technology.**
- **Answer ALL questions.**
- **Access to music production software or the Internet is not permitted.**

MATERIALS REQUIRED FOR EXAMINATION
audio CD, headphones and
individual CD player.

ITEMS INCLUDED WITH QUESTION PAPERS
Nil

INFORMATION FOR CANDIDATES

- **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 TO CANDIDATES

- **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.**

(Turn over)

SECTION A

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

1 Lead Belly: Where Did You Sleep Last Night?

Track 1

1 (a) Identify ONE characteristic that suggests that this performance was recorded in a single, continuous take. (1 mark)

(Question continues on next page)

(Turn over)

- 1 (b) This version of the song was recorded in 1944. Identify **THREE** limitations of 1940s recording technology heard. (3 marks)

1 _____

2 _____

3 _____

(Question continues on next page)

(Turn over)

- 1 (c) Describe TWO ways in which a 1940s recording engineer could add reverb to a recording. (4 marks)

1 _____

2 _____

(Question continues on next page)

(Turn over)

- 1 (d) State TWO methods of removing unwanted noise from historical master recordings. (2 marks)

1 _____

2 _____

(TOTAL FOR QUESTION 1 = 10 MARKS)

(Questions continue on next page)

(Turn over)

**2 Rush: Tom Sawyer (remastered edition)
Track 2**

- 2 (a) This version of the song is from a remastered edition of an album. Identify ONE process used when remastering an album. (1 mark)**

(Question continues on next page)

(Turn over)

2 (b) Describe the lead synthesiser settings heard in the song using the table below.

Location	Aspect	Describe setting(s)
(b)(i) 1 minute 33 seconds	Portamento	 (1 mark)

(Continues on next page)

<p>(b)(ii) 1 minute 57 seconds</p>	<p>LFO</p>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <p>(2 marks)</p>
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(Question continues on next page)

(Turn over)

- 2 (c) Describe the compression used on the bass guitar between 1 minute 57 seconds to 2 minutes 30 seconds. (2 marks)**

(Question continues on next page)

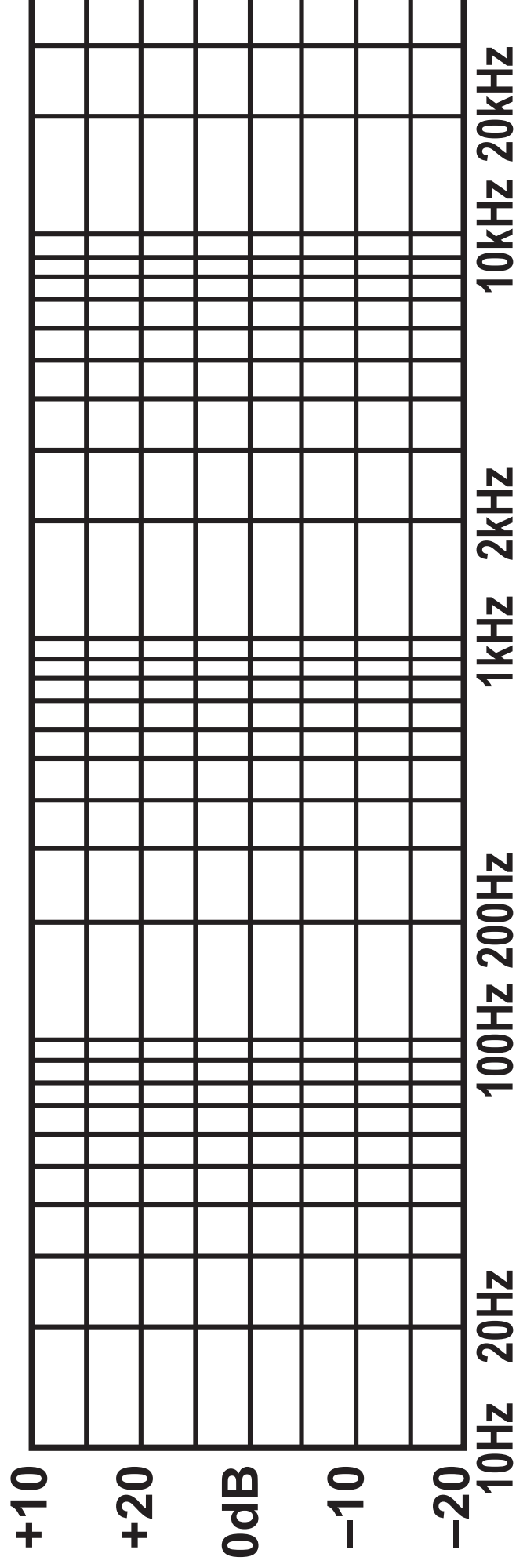
(Turn over)

- 2 (d) EQ has been used to differentiate between the bass guitar and kick drum in the mix between 1 minute 57 seconds to 2 minutes 30 seconds. On pages 12 and 13 draw an EQ contour on each of the graphs to demonstrate how this would have been achieved. (4 marks)**

(Question continues on next page)

(Turn over)

2 (d) Bass guitar EQ

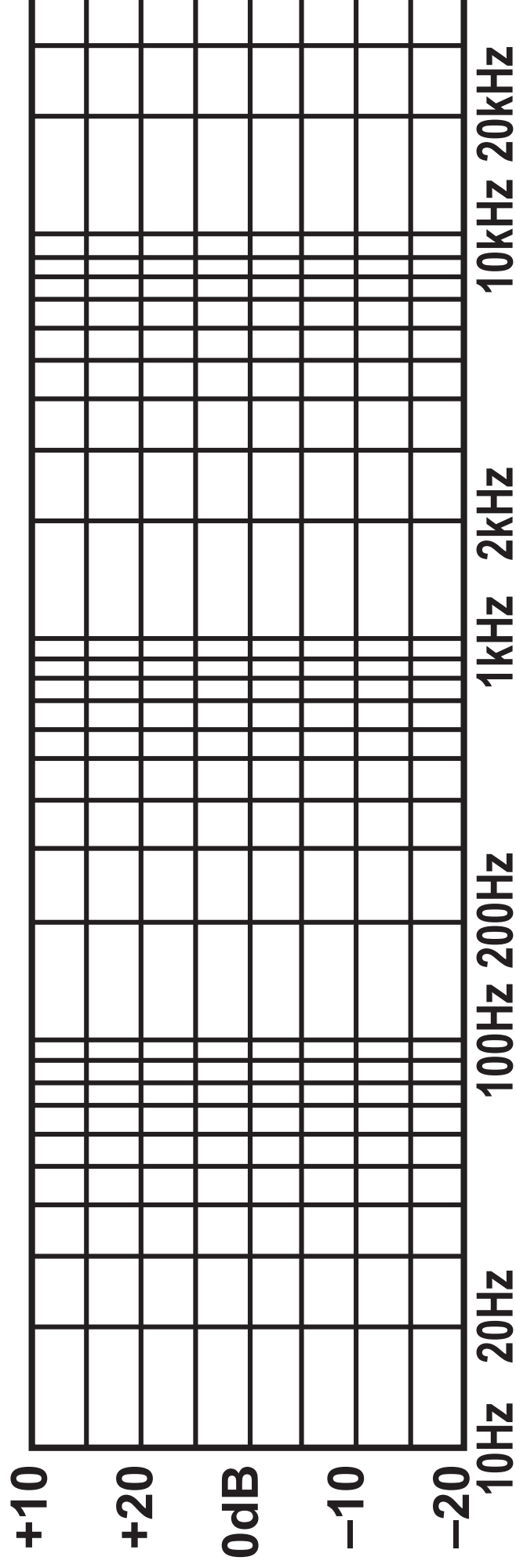


12

(Continue your answer on next page)

(Turn over)

2 (d) Kick drum EQ



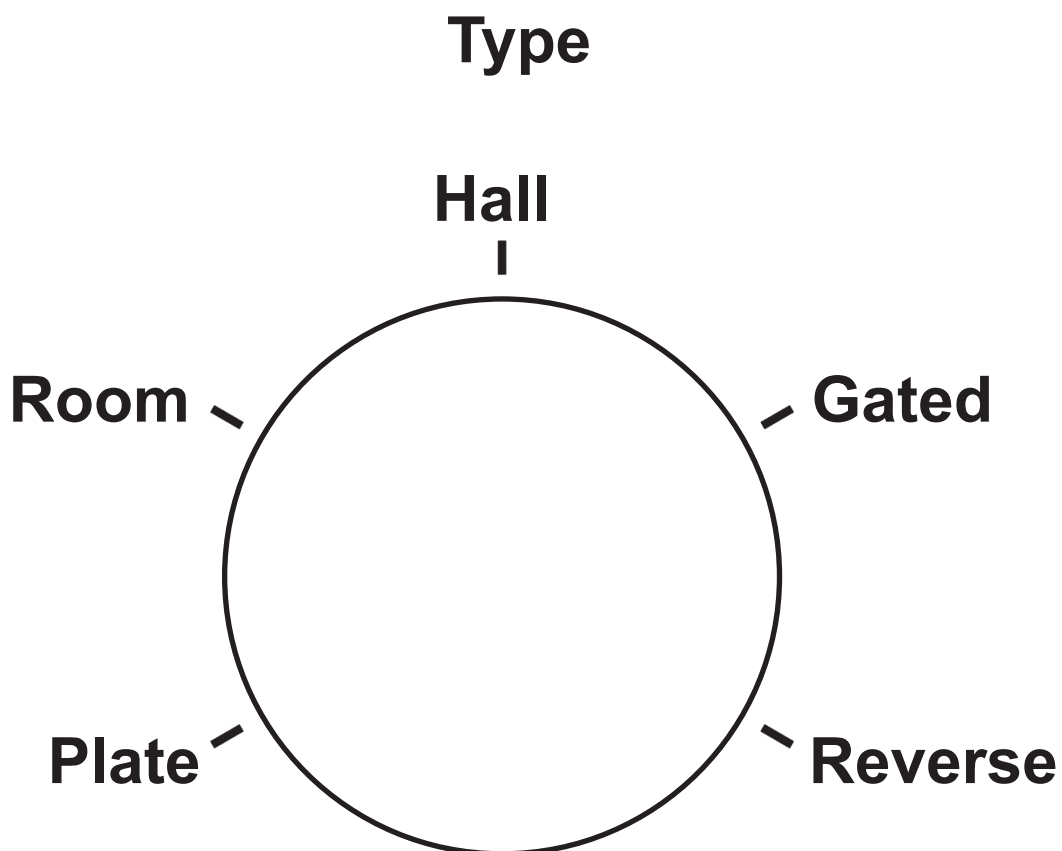
(TOTAL FOR QUESTION 2 = 10 MARKS)

(Questions continue on next page)

(Turn over)

3 Emeli Sandé: My Kind Of Love
Track 3

- 3 (a) Using the dials below, draw the settings that would recreate the reverb heard on the lead vocal between 0 minutes 02 seconds to 0 minutes 16 seconds. Draw a line, or precisely describe the setting, on each dial to show its position. (3 marks)**

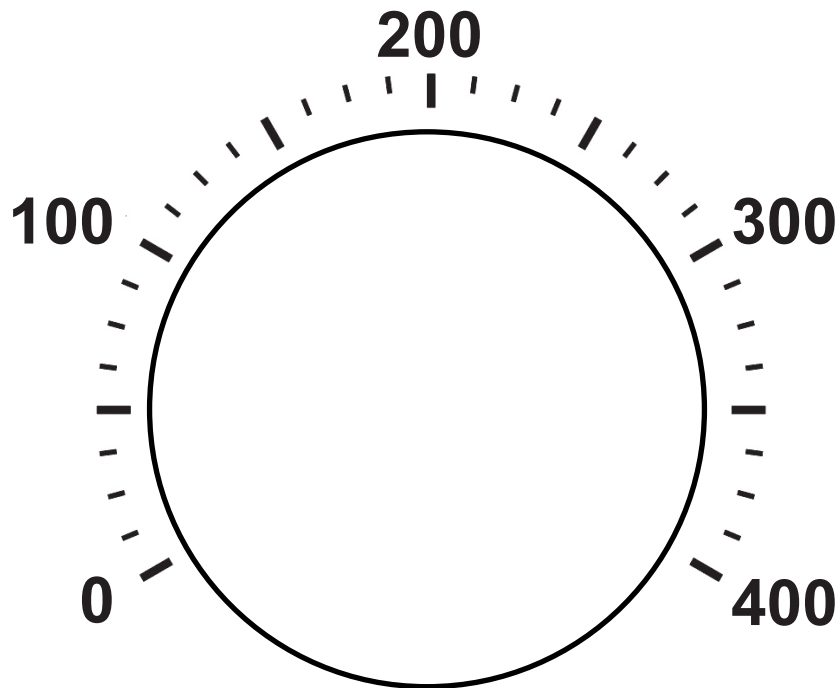


(Continue your answer on next page)

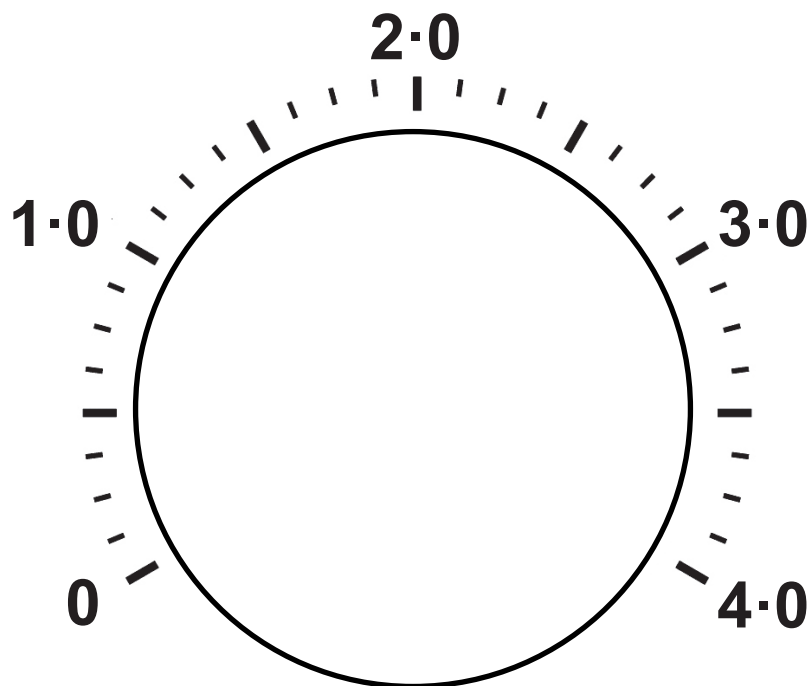
(Turn over)

15

Pre-delay (ms)



Reverb time (s)



(Question continues on next page)

(Turn over)

- 3 (b) Identify FOUR production techniques or tracks present in the first half of the chorus (0 minutes 44 seconds to 1 minute 05 seconds) that are not in the first verse (0 minutes 00 seconds to 0 minutes 21 seconds). (4 marks)**

1 _____

2 _____

3 _____

4 _____

(Question continues on next page)

(Turn over)

- 3 (c) Describe the use of filtering between 1 minute 29 seconds to 1 minute 50 seconds. (3 marks)**

(TOTAL FOR QUESTION 3 = 10 MARKS)

(Questions continue on next page)

(Turn over)

**4 Nitin Sawhney (featuring Tina Grace):
Nostalgia**

Track 4

- 4 (a) Identify TWO lo-fi features heard
between 0 minutes 00 seconds to
0 minutes 26 seconds. (2 marks)**

1 _____

2 _____

(Question continues on next page)

(Turn over)

- 4 (b) A live string section is featured in the song. Describe how you would select and place microphones to record a string section as heard in the song. (4 marks)**

(Continue your answer on next page)

(Turn over)

(Question continues on next page)

(Turn over)

- 4 (c) Explain TWO production techniques that have been used to add interest to the lead vocal sound between 0 minutes 40 seconds to 1 minute 20 seconds. (4 marks)**

1 _____

(Continue your answer on next page)

2 _____

(TOTAL FOR QUESTION 4 = 10 MARKS)

TOTAL FOR SECTION A = 40 MARKS

(Section B begins on next page)

(Turn over)

SECTION B

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

**5 Elvis Presley: A Little Less Conversation
(1968)**

Track 5

and

**Elvis vs. JXL: A Little Less Conversation
Radio Edit Remix (2002)**

Track 6

**Compare the production techniques
used in both versions.**

(15 marks)

(Continue your answer on next page)

(Turn over)

(Turn over)

(Turn over)

(Turn over)

(Turn over)

(Questions continue on next page)

(Turn over)

6 Tears For Fears: Shout Track 7

This song was produced in 1984 and makes use of sequencing technology. Evaluate the use of sequencing within the song and the wider impact the technology has had on music production from the 1980s to the present day. (20 marks)

**(Continue your answer on next page)
(Turn over)**

(Turn over)

(Turn over)

(Turn over)

(Turn over)

(Turn over)

(Turn over)

(Turn over)

END