

Write your name here

Surname

Other names

Pearson Edexcel
Level 3 GCE

Centre Number

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Candidate Number

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Music Technology

Advanced Subsidiary

Component 3: Listening and analysing

Thursday 24 May 2018 – Afternoon

Time: 1 hour 15 minutes

Paper Reference

8MT0/03

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 60.
- 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.

Turn over ►

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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 The Beach Boys: *Wouldn't It Be Nice* Track 1

(a) Listen to the guitar in the intro.

(i) Identify the type of reverb applied to the guitar in the intro. Put a cross in the correct box. (1)

- A Digital
- B Gated
- C Plate
- D Reverse

(ii) Identify the technology used to create the reverb. Put a cross in the correct box. (1)

- A DAW
- B Metal sheet
- C Pedal
- D Tape recorder

(iii) State which part of the stereo field the guitar has been panned to. (1)

(b) Identify **two** characteristics of the drum recording quality and mix. (2)

- 1
- 2



(c) Listen to the lead vocal between 1:07-1:21.

(i) Identify the recording technique that has been used. (1)

(ii) Describe how you might create the same effect using digital technology. (1)

(d) Multiple tracks have been 'bounced down' in this recording.

State **three** potential problems with bouncing down using analogue tape. (3)

- 1
- 2
- 3

(Total for Question 1 = 10 marks)



2 Billie Holiday: So Easy To Love
Track 2

(a) Identify the year in which this track was recorded. Put a cross in the correct box. (1)

- A** 1952
- B** 1962
- C** 1972
- D** 1982

(b) State how you would give this mono recording a stereo feel using present-day technology. (1)

(c) Give **two** ways in which the balance has been achieved in this recording. (2)

- 1
- 2

(d) State **four** ways in which you would achieve a better capture if you were recording this today. (4)

- 1
- 2
- 3
- 4

(e) Describe how you would close mic a trumpet for a recording. (2)

-
-

(Total for Question 2 = 10 marks)



3 Carpenters: *Happy* Track 3

(a) Describe the panning of the drum kit.

(2)

.....

.....

.....

.....

(b) Listen to the guitars in the intro (0:00-0:06).

Complete the table identifying the differences in the way that the guitars have been mixed.

(4)

	First Guitar (left)	Second Guitar (centre/right)
Effects		
EQ		

(c) Several vocal tracks have been routed to a single channel.

List **four** benefits of this approach.

(4)

1

.....

2

.....

3

.....

4

.....

(Total for Question 3 = 10 marks)



4 Elton John vs PNAU: Sad
Track 4

(a) Identify the type of filter used on the bass guitar.

(1)

.....

(b) This song was produced by creating samples from the 70's and 80's, using many different songs as sources to create new tracks.

List **five** considerations a producer might have to take into account when selecting samples.

(5)

1

2

3

4

5

(c) The bass part has been constructed from samples rather than capturing a live performance.

Identify **two** characteristics of the bass part that support this statement.

(2)

1

2



(d) Analyse the production techniques that have been used between 0:00-0:33.

(6)

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(Total for Question 4 = 14 marks)

TOTAL FOR SECTION A = 44 MARKS



SECTION B

Answer Question 5. Write your answers in the spaces provided.

5 **Prince:** *When Doves Cry*
Track 5

CJ Bomb: *When Doves Cry*
Track 6

Compare the production techniques used in both versions of the song.

(16)

A series of horizontal dotted lines provided for writing the answer to Question 5.

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(Total for Question 5 = 16 marks)

TOTAL FOR SECTION B = 16 MARKS
TOTAL FOR PAPER = 60 MARKS



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