

Write your name here

Surname

Other names

Pearson
Edexcel GCE

Centre Number

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Candidate Number

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Music Technology

Advanced Subsidiary

Unit 2: Listening and Analysing

Thursday 24 May 2018 – Afternoon

Time: 1 hour 45 minutes

Paper Reference

6MT02/01

You must have:

Individual CD player, headphones and
audio CD of recorded extracts.

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.*
- If you are using a computer to play the CD, access to sequencing software is NOT permitted.
- You must ensure that the left and right earpieces of your headphones are worn correctly.

Information

- The total mark for this paper is 80.
- The marks for **each** question are shown in brackets
– *use this as a guide as to how much time to spend on each question.*
- Questions labelled with an **asterisk** (*) are ones where the quality of your written communication will be assessed
– *you should take particular care with your spelling, punctuation, grammar and clarity of expression on these questions.*
- Each question number refers to the relevant track number on the audio CD, eg Question 1 refers to Track 1, Question 2 to Track 2 etc.
- You may listen to each track as many times as you wish within the overall time limit of the paper.
- The use of the words 'instrument' or 'sounds' refers to vocals, acoustic instruments, electric/electronic instruments and electronically-generated sounds unless otherwise stated.

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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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 *Mika: We Are Golden*

- (a) What is the tempo of this song?

Put a cross ☒ in the correct box.

(1)

- ☐ **A** 83 bpm
☐ **B** 103 bpm
☐ **C** 123 bpm
☐ **D** 133 bpm

- (b) What musical term describes the interaction between the two vocal parts on the words 'Running around again' between 0'16" and 0'28"?

(1)

- (c) Identify the root notes of the repeated chord sequence in the verse between 0'31" and 0'39".

(2)

C			G
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- (d) What effect is heard on the guitar from 1'00" to 1'03"?

Put a cross ☒ in the correct box.

(1)

- ☐ **A** Flanger
☐ **B** Pitch shift
☐ **C** Tremolo
☐ **D** Wah wah

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(e) Describe how the snare pattern changes in the middle eight, beginning at 2'20".

(1)

(f) A live gospel choir is used to provide the backing vocals between 2'20" and 2'36".

Describe how the choir has been mixed to produce this sound.

(4)

(Total for Question 1 = 10 marks)



2 Petula Clark: Don't Sleep In The Subway

(a) When was this track recorded?

Put a cross ☐ in the correct box.

(1)

☐ **A** 1957

☐ **B** 1967

☐ **C** 1977

☐ **D** 1987

(b) Fill in the **three** missing pitches from the lead vocal line between 0'51" and 0'58".

(3)

The musical notation is in 12/8 time, key of B-flat major (two flats). The melody consists of two lines. The first line has notes for 'Don't', 'sleep', 'in', 'the', 'sub - way', 'dar - ling'. There are two stars above the staff: one above the 'sub' note and one above the 'way' note. The second line has notes for 'Don't', 'stand', 'in', 'the', 'pour - ing', 'rain'. There is one star above the staff: one above the 'stand' note. The lyrics are written below the notes.

(c) Describe the panning of the following instruments from 0'51" to 0'58".

(3)

Instrument	Pan position
Bass guitar	
Crotchet organ chords	
Drum kit	



(d) Explain why the panning is so extreme.

(2)

(e) Name the production technique that has been used on the lead vocal from 0'51" to 1'12" to thicken the sound.

(1)

(Total for Question 2 = 10 marks)



3 *Genesis: Can-Utility And The Coastliners*

- (a) (i) Which of the following guitars has been used in the intro?

Put a cross ☐ in the correct box.

(1)

- ☐ **A** Distorted
☐ **B** Dobro
☐ **C** Flamenco
☐ **D** Twelve string

- (ii) Name the percussion instrument used at 0'06".

(1)

- (b) Describe how the ambience changes on the vocal at 0'45" on the words "We heed not flatterers".

(1)

- (c) A mellotron has been used in the instrumental beginning at 2'06".

Describe the workings of a mellotron.

(3)

- (d) Identify **two** FX pedals that have been used on the guitars between 1'45" and 1'49".

(2)

1

2



(e) Which phrase best describes the bass line between 2'11" and 3'10"?

Put a cross ☒ in the correct box.

(1)

- ☐ **A** Dominant pedal
- ☐ **B** Root notes of the chords
- ☐ **C** Tonic pedal
- ☐ **D** Walking bass

*(f) Name the musical term for the articulation of the organ solo beginning at 4'08".

(1)

(Total for Question 3 = 10 marks)



4 Years & Years: Shine

(a) Describe the filter on the synths between 0'00" and 0'07".

(2)

(b) Name the interval between the backing vocals starting at 0'36".

(1)

(c) Describe the delay on the synth at 0'51".

(3)

(d) Compare the texture of 2'30"-2'49" with that of 2'49"-2'58".

(4)

(Total for Question 4 = 10 marks)



SECTION B

Answer BOTH questions

Special focus style – Reggae

5 *Peter Tosh: No Nuclear War*

(a) Describe the panning of the toms in the intro.

(1)

(b) Identify **five** features of reggae heard in this recording.

(5)

1

2

3

4

5

(c) The chorus in this track begins at 0'15". The verse begins at 0'42".

(i) Describe the difference in tonality between the verse and the chorus.

(1)

(ii) How many different chords are used in the opening chorus?

(1)

(iii) Which of the following best describes the vocal harmonies in the chorus?

Put a cross ☒ in the correct box.

(1)

☐ **A** Dominant 7ths☐ **B** Octaves☐ **C** Open fifths☐ **D** Triads

(iv) Describe the rhythm of the lead vocal in the chorus.

(1)



(d) Identify **two** ways you could reduce spill when capturing the backing vocals in a live studio recording.

(2)

1

2

(e) Identify the pitch range of the lead vocal between 0'55" and 1'08".

Put a cross ☐ in the correct box.

(1)

☐ **A** Fourth

☐ **B** Fifth

☐ **C** Sixth

☐ **D** Octave

(f) Describe **two** possible problems when recording brass instruments.

(2)

1

2

(g) Identify the modulation effect used on the melodic synth starting at 7'10".

(1)

.....

*(h) Describe the contribution to reggae of **one** of the artists below.

You should refer to a specific album or track in your answer.

Burning Spear

Toots and the Maytals

(4)

.....

.....

.....

.....

.....

.....

(Total for Question 5 = 20 marks)



6 Special focus style – Heavy Rock

Guns 'n' Roses: Paradise City

(a) Listen to the electric guitar between 0'04" and 0'15".

(i) Identify the modulation effect.

(1)

(ii) Which of the following best describes the EQ?

Put a cross ☒ in the correct box.

(1)

- ☐ **A** High cut
- ☐ **B** Low boost
- ☐ **C** Low cut
- ☐ **D** Low pass filter

(b) (i) What type of reverb is used on the snare drum in the introduction?

(1)

(ii) Describe how this effect was produced before digital technology became available.

(2)



- (c) Which word best describes the performance technique used on the snare drum in the introduction?

Put a cross ☐ in the correct box.

(1)

- ☐ **A** Flam
- ☐ **B** Paradiddle
- ☐ **C** Rimshot
- ☐ **D** Roll

- *(d) Name the instrument playing the sustained melody line between 0'44" and 1'04".

(1)

- (e) (i) Describe the relationship between the bass and electric guitars between 1'23" and 1'30".

(1)

- (ii) Which of the following best represents the rhythm of the bass line in the same section?

Put a cross ☐ in the correct box.

(1)

- ☐ **A**



- ☐ **B**



- ☐ **C**



- ☐ **D**



(f) Which of the following best describes the change at 4'50"?

Put a cross ☒ in the correct box.

(1)

- ☐ **A** Becomes double time
- ☐ **B** Becomes half time
- ☐ **C** Becomes swung
- ☐ **D** Rallentando

(g) How have the guitars been separated in the mix between 0'45" and 1'04"?

(1)

(h) Describe **three** methods of creating a distorted guitar sound in the 1980s.

(3)

- 1
- 2
- 3

(i) Compare the vocals in the verse (from 1'56") with the vocals in the chorus (from 2'09").

Identify **one** difference in the performance and **one** difference in the mix.

(2)

Difference in performance:

Difference in mix:



(j) Identify **four** features of heavy rock heard in this recording.

(4)

- 1
- 2
- 3
- 4

(Total for Question 6 = 20 marks)

TOTAL FOR PAPER = 80 MARKS



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