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	National Qualification	15		Marl	
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X851/76/01

## **Music Technology**

TUESDAY, 30 APRIL 9:00 AM – 10:00 AM



Fill in these boxes and read what is printed below.

Full name of centre				Town							
Forename(s)		Sur	name					Nur	mber	of sea	at
Date of birt		V	S I								
Day	Month	Year	Scottish	candida	ate ni	umbe	r				1

#### Total marks — 40

Attempt ALL questions.

Write your answers clearly in the spaces provided in this booklet. Additional space for answers is provided at the end of this booklet. If you use this space you must clearly identify the question number you are attempting.

In this examination you will listen to music and audio excerpts and answer questions based on what you hear.

Where excerpts are played more than once, the number of times each excerpt is played is stated in the question.

Use blue or black ink.

You are not allowed to leave the examination room until the end of the test.

Before leaving the examination room you must give this booklet to the Invigilator; if you do not, you may lose all the marks for this paper.





# Attempt ALL questions Total marks — 40

MARKS DO NOT WRITE IN THIS MARGIN

## Question 1

Reggae	Countermelody
Ritardando	World music
Jazz funk	
Here is the music for the	
Here is the music for the Here is the music for the	

a)	Listen to this excerpt and identify the answer, one referring to a music feature. The excerpt will be played two	ture, and the other to a <b>technology</b>	3
	Here is the music for the first time. Here is the music for the second time		
	Genre		
	Music feature		
	Technology feature		
b)	Listen to this excerpt and identify of describes what you hear. The excerpt		1
b)	·		1
b)	describes what you hear. The excerpt	will be played <b>twice</b> .	1

[Turn over



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1

#### Question 3

In this question, you will hear two recordings. For each one, you must identify the fault in the recording and describe in detail how to correct it.

(a) Listen to this excerpt of a vocal recording. Identify the recording fault, and describe in detail how to correct it. You will hear this excerpt twice. Here is the excerpt for the first time. Here is the excerpt for the second time. (ii) Correction \_\_\_\_\_ You now have **one minute** to complete your answer. (b) Listen to this excerpt and identify the fault in the MIDI drum track, and describe in detail how to correct it. You will hear this excerpt twice. Here is the excerpt for the first time. Here is the excerpt for the second time. (i) Fault \_\_\_\_\_

You now have **one minute** to complete your answer.

(ii) Correction \_\_\_\_\_

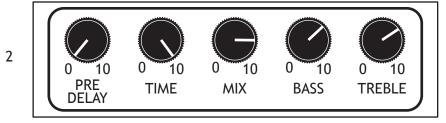
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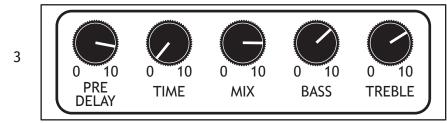
(a) You will hear two versions of a piano track.

The **first** version has no effects or processes. The **second** version has reverb applied.

Listen to version 1 with no effects or processes.

Listen to **version 2**. Identify the reverb settings used (1, 2 or 3) and justify your answer.





You now have 30 seconds to complete your answer.

Reverb settings applied (1, 2 or 3)

Justification \_\_\_\_\_\_

(b) Listen to another excerpt. Identify the guitar playing technique. The excerpt is short and will be played **twice**.

Here is the excerpt for the first time. Here is the excerpt for the second time. 1

This question is about intellectual property issues.

You will hear two excerpts of music.

The first excerpt 'He's So Fine' was composed by Ronnie Mack for the group The Chiffons in 1962.

The second excerpt 'My Sweet Lord' was composed by George Harrison in 1970.

Musically there is a strong resemblance between 'My Sweet Lord' and 'He's So Fine'. Ronnie Mack's publisher, Bright Tunes Music Corporation, filed an intellectual property suit in February 1971 in the same year that saw 'My Sweet Lord' become the largest selling single in the UK. The court hearing went to trial in 1976.

After the trial, the judge ruled that Harrison was guilty of 'subconscious plagiarism' and Harrison was ordered to pay Bright Tunes Music Corporation \$1,599,987.

You now have one minute to read through the question.

You will hear the excerpts twice with a pause of 15 seconds between playings.

Here is excerpt 1 for the first time.

Here is excerpt 2 for the first time.

Here is excerpt 1 for the second time.

Here is excerpt 2 for the second time.

You now have 2 minutes to complete your answers for parts (a), (b) and (c).

(a)	property?
(b)	Describe how intellectual property protection benefited Ronnie Mack.
(c)	Give <b>one</b> example of how George Harrison could have avoided a breach of intellectual property rights.



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This question features music from different genres/styles.

(a) Listen to this excerpt and identify **two** terms from the list below which describe what you hear. The excerpt will be played twice.

2

Jazz funk World music

Sample R'n'B

Whole tone scale

Here is the music for the first time. Here is the music for the second time.

(b) Listen to this excerpt of an orchestral recording. Describe in detail a suitable stereo mic'ing technique you would use to achieve a similar recording. Justify your choice.

3

You now have 2 minutes to complete your answer.

(c) Listen to this excerpt and write the concept which describes the texture of the backing vocals. The excerpt will be played twice.

Here is the excerpt for the first time.

Here is the excerpt for the second time.

1

(a)

This question relates to  $20^{\text{th}}$  and  $21^{\text{st}}$  century genres/styles and innovators in technological developments.

	ose a genre from the list and ( ( ) one box to indicate you	I answer the question below.
•	Hip hop	
•	Jazz funk	
•	Reggae	
Give	a detailed description of yo	our chosen genre.
	description must make refe a <b>key technology.</b>	erence to a <b>key innovator</b> , a <b>key attribute</b> 3
You	now have <b>3 minutes</b> to answ	ver the guestion.

There will be no music played.

A warning tone will sound 30 seconds before part (b).

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## Question 7 (continued)

(b)

Choose a technology from the list and answer the question below.
Tick (✓) one box to indicate your choice.
Wax cylinder
• Synthesiser
• Microphone
Name a <b>key innovator</b> of your chosen technology and describe <b>one</b> example of their <b>influence</b> on the development of this technology. 2
You now have 3 minutes to answer the question.
A warning tone will sound 30 seconds before the next question starts.
[Turn over

Listen to this excerpt of an engineer mixing an audio recording.

A guide to the audio is laid out below. You will see that further information is required and must be inserted in the spaces.

There will now be a pause of 40 seconds to allow you to read through the question.

The music will be played **three** times with a pause of **15 seconds** between playings. In each playing, a voice will help guide you through the numbered sections.

Here is the music for the first time.

Here is the music for the second time.

Here is the music for the third time.

Section	Description	
1.	A EQ is used to find and remove a harsh frequency in the guitar track.	1
2.	The synth strings play a/an	1
3.	The control and effect on the synth lead track are and	2
4.	The control is adjusted on the synth.	1
5.	The drum kit is solo'd to allow the reverb to be adjusted.	1
6.	The (Italian) term to describe the change in tempo is	1

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5

#### Question 9

Listen to this excerpt of music.

You must identify **five** music/production features present in the music from the ten listed below.

You will hear the music **three** times with a pause of **15 seconds** between each playing.

You now have one minute to read through the question.

Clarinet plays a solo	Flanger effect on electric guitar
Time changes	Irregular time signatures
Harmoniser on vocals	Oboe plays a solo
Tremolo effect on electric guitar	Portamento on synth strings
Tambourine panned right	Arpeggios/broken chords on electric guitar

the five reatures on the lines below.							

Here is the music for the first time.

Here is the music for the second time.

Here is the music for the third time.

You now have 2 minutes to complete your answer.

[END OF QUESTION PAPER]



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#### **ADDITIONAL SPACE FOR ANSWERS**



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MARKS DO NOT WRITE IN THIS MARGIN

#### **ADDITIONAL SPACE FOR ANSWERS**



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