

X851/76/01

Music Technology

WEDNESDAY, 4 MAY 1:00 PM - 1:45 PM



Fill in these boxes and read what is printed below.

Full name of centre				Town		
Forename(s)		Sur	rname		Numbe	er of seat
Date of birt						
Day	Month	Year	Scottish c	andidate numbe	r	

Total marks — 32

Attempt **ALL** questions.

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

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

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.

Use blue or black ink.

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.





Total marks — 32 **Attempt ALL questions**

MARKS DO NOT WRITE IN THIS MARGIN

Question 1

(b)

(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

2

Gated reverb	New wave
Harmoniser	Punk
Cluster	
Here is the excerpt for the first time. Here is the excerpt for the second time.	
Listen to a different excerpt from the sa present which are typical of the genre/s	<u> </u>



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(a)	referring to two music concepts. The	genre. Give two reasons for your answer, excerpt will be played twice .	3
	Here is the excerpt for the first time. Here is the excerpt for the second tim	e.	
	Genre		
	Music concept 1		
	Music concept 2		
(b)	Listen to this excerpt and identify one describes what you hear. The excerpt		1
	Irregular time signatures	Pitch bend	
	Coda	Inverted pedal	
	Here is the excerpt for the first time. Here is the excerpt for the second tim	e.	

[Turn over

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. Identify the fault and describe in detail how to correct it. You will hear this excerpt twice .						
		is the excerpt for the first time. is the excerpt for the second time.					
	(i)	Fault					
	(ii)	Correction					
	You r	now have one minute to complete your answer.					
(b)		n to this excerpt. Identify the recording fault and describe in detail how rrect it. You will hear this excerpt twice .					
		is the excerpt for the first time. is the excerpt for the second time.					
	(i)	Fault					
	(ii)	Correction					

You now have one minute to complete your answer.



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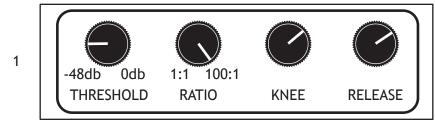
(a) You will hear two versions of a drum kit recording.

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

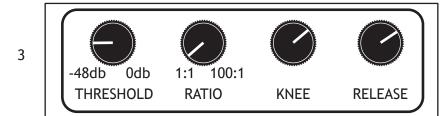
Listen to version 1 with no effects or processes.

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

1



2 0db 100:1 -48db **RATIO** THRESHOLD **KNEE RELEASE**



You now have 30 seconds to complete your answer.

Compressor settings applied (1, 2 or 3)	
hospiti anni an	

Justification				

[Turn over



MARKS DO NOT WRITE IN THIS MARGIN

1

Question 4 (continued)

(b) Listen to another excerpt. Identify the prominent effect on the acoustic guitar. 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.

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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

Broken chord	Irregular time signatures
Polyphonic	Autotune

Ritardando

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

(b) Listen to this excerpt of a string quartet. 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. Write the Italian term to describe the string playing technique.

[Turn over

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

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

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

The excerpt will be played three times with a pause of 15 seconds between playings.

In each playing, a voice will guide you through the numbered sections.

Here is the excerpt for the first time.

Here is the excerpt for the second time.

Here is the excerpt for the third time.

Section	Description	
1.	The control is adjusted on the synthesiser's envelope generator.	1
2.	Name the playing technique in the electric guitar part	1
3.	The control is adjusted on the bass synth's resonant filter.	1
4.	The process and the control applied to the lead vocal as effects are and	2
5.	A filter is applied to the whole mix apart from the kick drum and the vocals.	1
6.	The synth strings play a/an	1

5

Question 7

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.

Backing vocals in unison	Backing vocals in harmony
Envelope filter on electric guitar riff	Auto panned synthesiser effect
Flanger on overdriven electric guitar	Synth strings play inverted pedal
Double tracked lead vocal	Delay on lead vocals
Bass synth with wah-wah	Distorted bass guitar

Give the five features 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]

MARKS DO NOT WRITE IN THIS MARGIN

ADDITIONAL SPACE FOR ANSWERS



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MARKS DO NOT WRITE IN THIS MARGIN

ADDITIONAL SPACE FOR ANSWERS



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