



FOR OFFICIAL USE

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National
Qualifications
2026

Mark

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X851/76/01**Music Technology**

FRIDAY, 8 MAY

2:30 PM – 3:30 PM



Fill in these boxes and read what is printed below.

Full name of centre

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Town

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Forename(s)

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Surname

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Number of seat

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Date of birth

Day

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Month

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Year

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Scottish candidate number

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Total marks — 40

Attempt ALL questions.

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

The text of each question is printed so that you can follow what the speaker says.

Listen carefully to the questions and to the music excerpts.

Some excerpts are played more than once. The number of times each excerpt is played is stated in each 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.

Do not remove any exam materials. You must leave this booklet on your desk; if you do not, you could lose all the marks for this paper.



Total marks — 40
Attempt ALL questions

Question 1

- (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

Soul	Jazz funk
Inverted pedal	Indie
Broken chords	

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

- (b) Listen to another excerpt from the same genre. Describe **two** features present which are typical of the genre/style.

2

The excerpt will be played **twice**.

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



* X 8 5 1 7 6 0 1 0 2 *

Question 2

- (a) Listen to this excerpt and identify the genre. Describe **two** music features present which are typical of the genre/style. The excerpt will be played **twice**. 3

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

Genre _____

Music features _____

- (b) Listen to this excerpt and identify **one** term from the list below which describes what you hear. The excerpt will be played **twice**. 1

Through-composed	Portamento
Accelerando	Phaser

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

[Turn over



Question 3

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

- (a) Listen to this excerpt of a solo'd vocal track. 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.

(i) Fault _____ 1

(ii) Correction _____ 1

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

- (b) Listen to this excerpt of a live local radio station. Identify the **mix** 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.

(i) Fault _____ 1

(ii) Correction _____ 1

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



Question 4

- (a) You will hear **two** versions of an electric guitar.

The **first** version has no effects or processes.

The **second** version has delay applied.

Listen to **version 1** with no effects or processes.

Listen to **version 2**. Identify the correct delay setting (1, 2 or 3) and justify your answer.

1

1



MIN MAX

TIME



MIN MAX

FEEDBACK



MIN MAX

WIDTH

2



MIN MAX

TIME



MIN MAX

FEEDBACK



MIN MAX

WIDTH

3



MIN MAX

TIME



MIN MAX

FEEDBACK



MIN MAX

WIDTH

You now have **30 seconds** to complete your answer.

Delay settings applied (1, 2 or 3)

Justification _____

[Turn over



Question 4 (continued)

- (b) Listen to this excerpt. Delay and panning have been applied to the electric guitar. Name the other prominent effect applied to the electric guitar. 1

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.

- (c) Listen to another excerpt where reverb has been applied. The mix control has been increased. Give **two** other controls commonly found on a reverb effect. 2

Control 1 _____

Control 2 _____



Question 5

This question is about intellectual property issues.

You will hear **two** excerpts of music.

The first excerpt 'Need You Tonight' was released by INXS in 1987.

The second excerpt 'Break My Heart' was released by Dua Lipa in 2023 and shares features of the INXS track.

Dua Lipa admitted the similarities between the two songs were unintentional and only noticed when listening back to the completed track.

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) and (b).

- (a) Which feature of the music in excerpt 2 could be a breach of Intellectual Property?

1

- (b) In this case, give **two** examples of how to avoid a breach of intellectual property rights.

2

[Turn over



Question 6

- (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

Samples	R'n'B
New wave	Vocoder
Electroacoustic	

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

- (b) Listen to this excerpt of a drum kit which has been recorded using four microphones. An AB **stereo** pair has been used for overheads.
To achieve a similar recording, describe the type and placement of the microphones used for the bass drum **and** snare drum. Justify your answer.

3

You now have **2 minutes** to complete your answer.



Question 7

This question relates to technological developments.

Choose a technological development from the list and answer the question below.

Tick (✓) **one** box to indicate your choice.

Virtual Instruments ☐

Guitar pick-up ☐

Sampler ☐

You now have **5 minutes** to answer the question.

A warning tone will sound **30 seconds** before the next question starts.

Describe your **chosen technology**. In your answer reference:

- Two key features
- One key innovator
- One genre influenced.

4

Key feature 1 _____

Key feature 2 _____

Key innovator _____

Genre _____

[Turn over



Question 8

Listen to this excerpt featuring manipulated sounds.

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 excerpt 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 excerpt for the first time.

Here is the excerpt for the second time.

Here is the excerpt for the third time.

Section	Description	
1.	A _____ pass filter is applied to the piano, followed by a/an _____ effect.	2
2.	A double bass _____ is repeatedly triggered at different pitches.	1
3.	The process applied to the vocal loop is _____ .	1
4.	The process now applied to the vocal loop is _____ .	1
5.	The tonality is _____ .	1
6.	The genre is _____ .	1



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.

Synth bass plays repeated pedal note	Hi-hat plays swing rhythm
Saxophone solo panned left	Floor tom ostinato panned right
Electric guitar riff with wah-wah	Vocals sing descending chromatic pattern
Female vocal sings ascending whole tone scale	Harmonicas panned left and right
Piano with chorus effect	Electric piano and synth bass play ascending riff

Give the **five** features on the lines below.

5

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]



ADDITIONAL SPACE FOR ANSWERS

DO NOT
WRITE IN
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MARGIN



ADDITIONAL SPACE FOR ANSWERS

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