



FOR OFFICIAL USE

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National
Qualifications
2017

Mark

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X751/76/01**Music Technology**

WEDNESDAY, 10 MAY

9:00 AM – 9:45 AM



* X 7 5 1 7 6 0 1 *

Fill in these boxes and read what is printed below.

Full name of centre

--

Town

--

Forename(s)

--

Surname

--

Number of seat

--

Date of birth

Day

--	--

Month

--	--

Year

--	--

Scottish candidate number

--	--	--	--	--	--	--	--	--	--

Total marks — 30

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.



* X 7 5 1 7 6 0 1 0 1 *

Total Marks — 30
Attempt ALL questions

Question 1

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

2

Wah wah	Walking bass
New wave	60s Pop
Phaser	

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

1 _____

2 _____

Question 2

- (a) Listen to this excerpt and identify the genre. Give **two** reasons for your answer, referring to **two technology** features. The excerpt will be played twice.

3

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

Genre: _____

1 _____

2 _____

- (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

Inverted pedal	Ritardando
Accelerando	Time changes

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



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

Question 3

In this question, you will hear two recordings. For each one, you must identify the fault in the recording and describe an appropriate solution.

- (a) Listen to this recording of an audio book.

Identify the 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) Solution: _____ 1

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

- (b) Listen to a song which has been converted to MP3 format.

Identify the 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) Solution: _____ 1

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

[Turn over



* X 7 5 1 7 6 0 1 0 3 *

Question 4

MARKS
DO NOT
WRITE IN
THIS
MARGIN

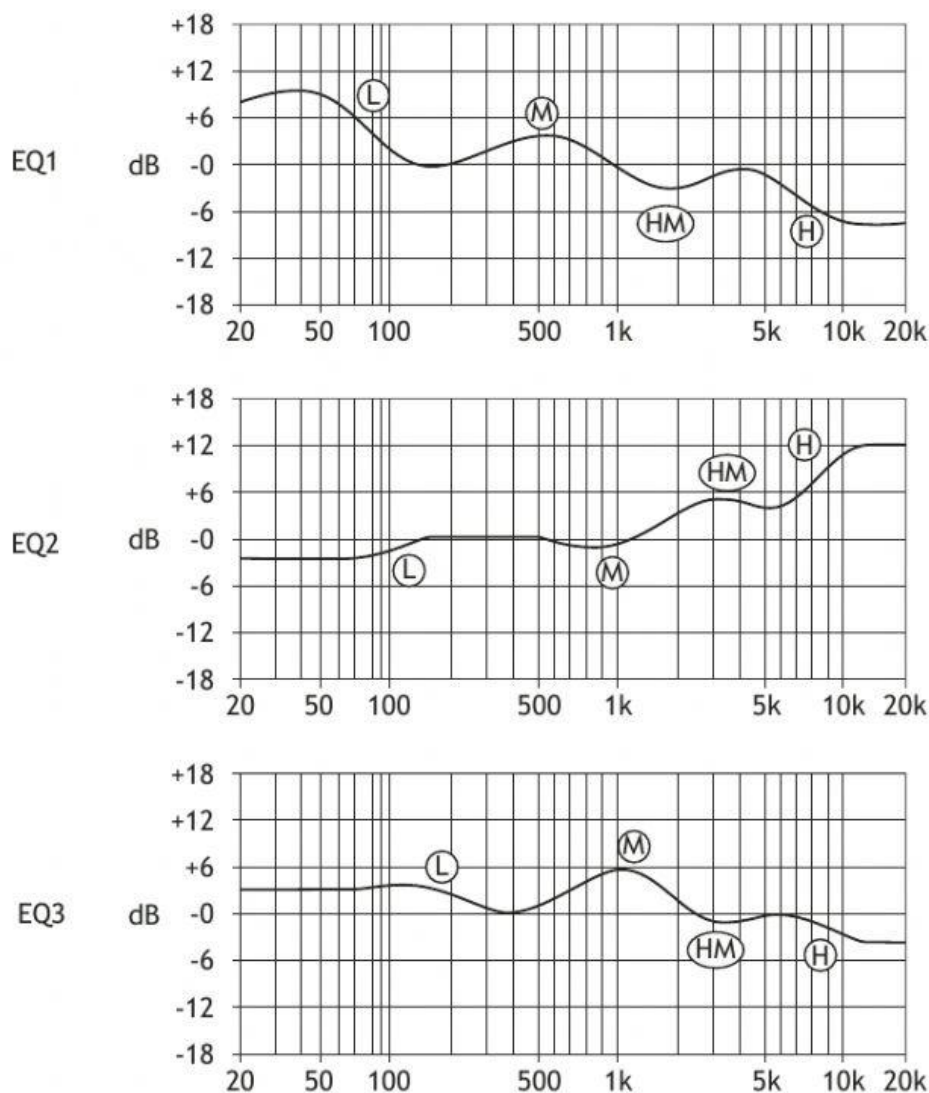
- (a) You will hear two versions of an audio recording of a children's story book.

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

The **second** version has a parametric EQ applied to the voice.

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

Listen to **version 2**. Identify which parametric EQ shown below (1, 2 or 3) has been applied and justify your answer.



You now have 30 seconds to complete your answer.

EQ applied 1,2 or 3

Justify your answer: _____

1



* X 7 5 1 7 6 0 1 0 4 *

Question 4 (continued)

- (b) Listen to another excerpt. Reverb has been applied to the vocal track. Identify the other prominent vocal effect. The excerpt will be played twice.

1

Here is the excerpt for the first time.

Here is the excerpt for the second time.

[Turn over]



* X 7 5 1 7 6 0 1 0 5 *

Question 5

This question features music from different genres.

- (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

Modulation	Jazz funk
Soul/R 'n' B	Counter melody
Rolls	

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

1 _____

2 _____

- (b) Listen to this performance of a solo guitarist and voice. Describe in detail a suitable mic'ing technique used to achieve a similar recording. Justify your choice.

3

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



* X 7 5 1 7 6 0 1 0 6 *

Question 5 (continued)

- (c) Listen to this excerpt and follow the guide to the bass guitar part printed below. Do not attempt to write during this first playing.



Name the type of articulation which is missing. Here is the excerpt.

1

[Turn over



* X 7 5 1 7 6 0 1 0 7 *

Question 6

In this question you will hear an Indie Rock band.

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 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	The effect applied to the snare drum is _____ .	1
2	The bass guitar has a _____ effect and the dynamic control on the bass drum is a _____ .	2
3	The effects applied to the lead guitar sound are created by a/an _____ .	1
4	The structural concept which describes this part of the song is a/an _____ .	1
5	The texture of the lead and backing vocals is _____ .	1
6	The panning of the tambourine is _____ .	1



Question 7

Listen to the following 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 will now have **one** minute to read through the question.

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

The song is through-composed	The verse is played in 4/4 time with the chorus played in 3/4 time
Vocals in chorus are homophonic	Auto tuned vocals
Wah wah guitar solo	Keyboard/organ panned left
Harmonics played on guitar	Guitar plays melody in unison with the vocal line
Bass guitar plays broken chords	The verse is played in 3/4 time with the chorus played in 4/4 time

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

5

- 1 _____
- 2 _____
- 3 _____
- 4 _____
- 5 _____

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

[END OF QUESTION PAPER]



* X 7 5 1 7 6 0 1 0 9 *