FOR OFFICIAL USE

National Qualifications 2016

Mark

X751/76/01 Music Technology

FRIDAY, 13 MAY

11:15 AM – 12:00 NOON

X7517601

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.

SQA ©

X7517601 01

Total Marks — 30

Attempt ALL questions

Question 1

Listen to this excerpt and identify **two** terms from the list below which describe what you hear. The excerpt will be played twice. **2**

World music	Harmonics
R' n 'B	Modulation
New Wave	

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, one referring to a **music** feature, and the other to a **technology** feature. 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. **1**

Cluster	Coda
Pitch bend	Strophic

_____

Question 3

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

(a) Listen to this excerpt of a piano recording. Identify the recording fault and describe in detail how to correct it. You will hear this excerpt twice.

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

(i) Fault: _____ **1**

_____

(ii) Solution: _____ **1**

_____

_____

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

(b) Listen to this excerpt and identify the fault in the bass guitar loop and describe in detail how to correct it. You will hear this excerpt twice.

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

(i) Fault: _____ **1**

_____

(ii) Solution: _____ **1**

_____

_____

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

[Turn over

Question 4

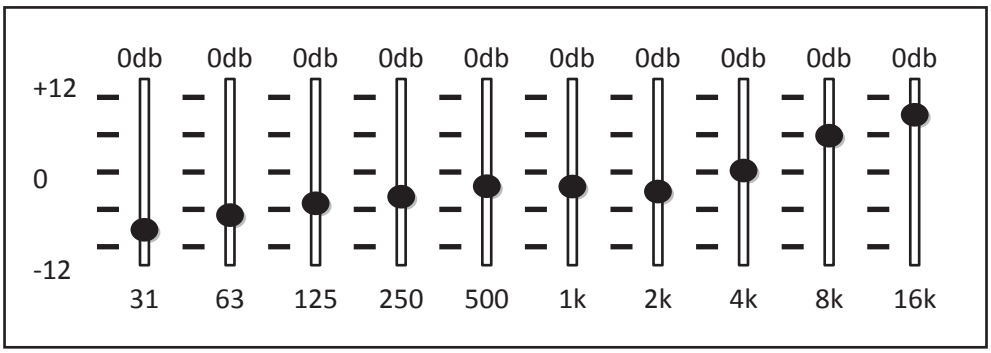
(a) You will hear two versions of a kick drum recording.

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

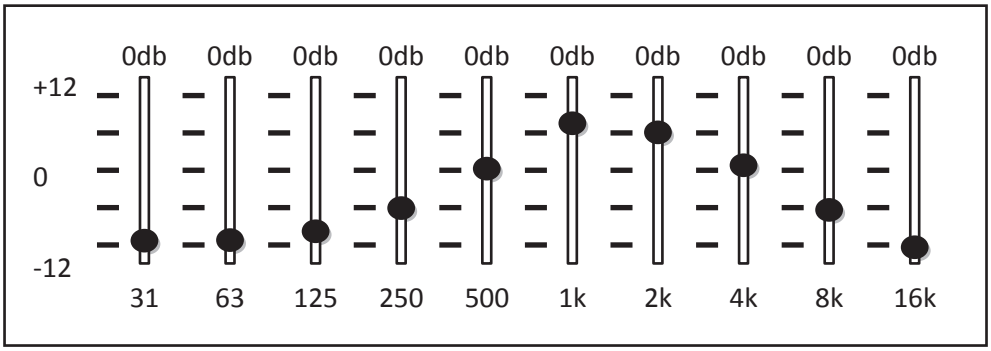
Listen to **version 1** with no effects or processes.

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

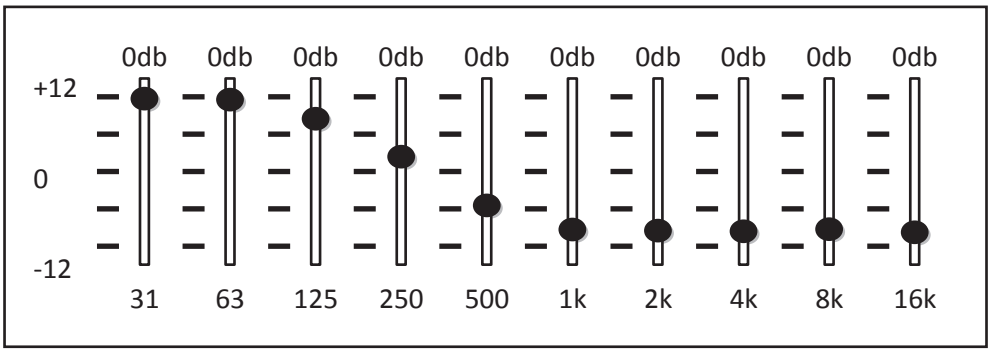
EQ 1



EQ 2



EQ 3



EQ applied 1,2 or 3 ☐ **1**

Justify your answer: _____

_____

_____

Question 4 (continued)

(b) Listen to another excerpt. Reverb has been applied to the vocal track. Name the process that has been applied to the vocal. **1**

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

_____

[Turn over

Question 5

This question features three excerpts of music from the same genre.

(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	Through-composed
Electroacoustic	Cluster
20th/21st Century classical music	

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

1 _____

2 _____

(b) Listen to this excerpt of an accordion and describe in detail a stereo mic'ing technique you would use to achieve a similar recording. Justify your answer. **3**

_____

_____

_____

_____

_____

_____

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

(c) Listen to this excerpt and write the concept which describes the time signature. **1**

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

_____

Question 6

In this question you will hear a recording of a vocalist.

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 bass line is played _____ the beat.	**1**
2	The effects applied to the vocal track are _____ and _____.	**2**
3	A _____is applied to the vocal track.	**1**
4	A _____ drum sample is introduced. The effect applied to the guitar is _____.	**2**
5	The _____ setting on a high pass filter is adjusted to bring in the main accompaniment track.	**1**

[Turn over

Question 7

Listen to this excerpt of music. 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.

Ascending scale in octaves on the bass guitar and guitar	Distorted guitar riffs panned to the left
Synth brass stabs in harmony	Electric guitar plays harmonics
Sustained organ chords with tremolo	Lead vocals with phase effect
Acoustic guitar plays broken chords	Piano plays syncopated chords
Backing vocals with delay effect	Electric guitar and lead vocal in unison

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]

MARKS | DO NOT WRITE IN THIS MARGIN

ADDITIONAL SPACE FOR ANSWERS

MARKS | DO NOT WRITE IN THIS MARGIN

ADDITIONAL SPACE FOR ANSWERS

[BLANK PAGE]

DO NOT WRITE ON THIS PAGE

[BLANK PAGE]

DO NOT WRITE ON THIS PAGE