

FOR OFFICIAL USE



National
Qualifications
2016

Mark

X751/75/01

Music Technology

FRIDAY, 13 MAY
10:15 AM – 11:00 AM



* X 7 5 1 7 5 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

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.

Attempt **ALL** questions.

Write your answers clearly, in the spaces provided. 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.



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

Question 1

- (a) Listen to this excerpt. Tick (✓) **one** box to identify the genre/style. 1

- 60s Pop
 Swing
 Dance music
 Ragtime

- (b) Listen to another excerpt. In which decade was this music recorded?
Tick (✓) **one** box. 1

- 1950s
 1970s
 1990s
 2010s

- (c) Listen to this excerpt. Tick (✓) **one** box to identify the genre/style. 1

- Rock 'n' roll
 Musical
 Celtic rock
 Country

- (d) Listen to this excerpt. Identify the prominent ascending scale featured in the introduction. The excerpt is short and will be played **twice**.
Tick (✓) **one** box. 1

- Minor
 Chromatic
 Whole Tone

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



Question 2

- (a) Listen to this excerpt. Tick (✓) **one** box to identify the panning of the piano. The excerpt will be played **twice**.

1

- Left
- Centre
- Right

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

- (b) Listen to another excerpt from the same track. Tick (✓) **one** box to identify what you hear.

1

- Accelerando
- Ritardando
- Anacrusis
- Modulation

- (c) Listen to this excerpt.

Describe how you would record vocals within a studio setting.
You should specify the microphone type and its polar pattern.
Finally identify a piece of equipment which would help improve the quality of the vocal capture.

Here is the music.

- (i) Microphone type: _____ 1

- (ii) Polar Pattern: _____ 1

- (iii) Equipment: _____ 1

You now have two minutes to answer the question. A warning tone will sound 30 seconds before the next question starts.



Question 3

(a) Listen to the excerpt. Tick (✓) **one** box to identify the genre/style. 1

- Rap
- Rock
- Musical
- Rock 'n' roll

(b) Listen to more music from the same genre. Tick (✓) **one** box in COLUMN A to identify a rhythmic feature and **one** box in COLUMN B to describe the tonality. 2

COLUMN A

COLUMN B

- | | |
|--|---------------------------------|
| <input type="checkbox"/> Rallentando | <input type="checkbox"/> Major |
| <input type="checkbox"/> Cross rhythms | <input type="checkbox"/> Minor |
| <input type="checkbox"/> Accelerando | <input type="checkbox"/> Atonal |

(c) Listen to another piece from the same genre/style. Identify **two** production features used in this recording that are typical of the genre/style. 2

- 1 _____
- 2 _____

(d) Listen to the bass part from another track. Identify the control/effect featured. 1

- Limiter
- Chorus
- LFO
- EQ

(e) Listen to the full mix of the same track. Name the concept which describes the guitar part. 1



Question 4

- (a) Listen to this excerpt. Tick (✓) **one** box to identify the time signature and, using the Italian term, name the string playing technique.

- (i) Time Signature (tick (✓) **one** box).

<input type="checkbox"/>	3
<input type="checkbox"/>	4

<input type="checkbox"/>	4
<input type="checkbox"/>	4

<input type="checkbox"/>	6
<input type="checkbox"/>	8

- (ii) String playing technique (Italian term) _____

- (b) Listen to that excerpt again. Reverb has been applied to the mix. List **two** settings on a reverb effects processor.

1 _____

2 _____

[Turn over



Question 5

In this question you will hear a MIDI file recorded in a funk style.

You are asked to link the instruments with effects or processes.

Listen to the full excerpt with effects and processes applied.

You will now hear some of the parts separately. Complete the table below using the following list of effects and processes:

- Reverb
- Delay
- EQ
- Pitch bend
- Wah wah

Each effect or process is used only once.

You now have one minute to read through the question.

Now listen carefully to the following and complete the table as you listen.

Clavinet Keyboard (dry then wet)

Strings (dry then wet)

Bass Guitar (dry then wet)

Hammond Organ (dry then wet)

Brass (dry then wet)

Instrument	Effect or process applied to instrument
Clavinet Keyboard	
Strings	
Bass Guitar	
Hammond Organ	
Brass	

5



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

[Turn over for next question

DO NOT WRITE ON THIS PAGE



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

Question 6

- (a) In this question you will hear excerpts of two songs by the same artist.

For each excerpt you should link an instrument/voice with an effect and a different instrument/voice with panning.

You may use the space provided for Rough Notes, but your final answer must be written in the table on the opposite page. Rough Notes will not be marked.

There will now be a pause of one minute to allow you to read through the question.

You will hear each excerpt three times with a pause of 15 seconds between each playing.

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.

Here is Excerpt 1 for the third time.

Here is Excerpt 2 for the third time.

Rough Notes

Rough Notes

(Rough Notes will not be marked)



* X 7 5 1 7 5 0 1 0 8 *

Question 6 (a) (continued)

Final Answer

Excerpt 1	Excerpt 2
Instrument/voice:	Instrument/voice:
Effect:	Effect:
Excerpt 1	Excerpt 2
Instrument/voice:	Instrument/voice:
Panning:	Panning:

4

(b) Listen to more of Excerpt 1 and identify the tonality.

1

Tonality	
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[END OF QUESTION PAPER]



MARKS

DO NOT
WRITE IN
THIS
MARGIN

ADDITIONAL SPACE FOR ANSWERS



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



MARKS DO NOT
WRITE IN
THIS
MARGIN

ADDITIONAL SPACE FOR ANSWERS

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