

FOR OFFICIAL USE



National
Qualifications
2017

Mark

X751/75/01

Music Technology

WEDNESDAY, 10 MAY

11:00 AM – 11:45 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 *

Total marks — 30
Attempt ALL questions

Question 1

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

Celtic rock

Skiffle

Country

Synth pop

- (b) Now listen to a different excerpt. Name the concept that describes the bass guitar part. 1

- (c) Listen to a continuation of that excerpt. Name the instrument playing the main melody. 1

- (d) Listen to this excerpt.
Tick (✓) **one** box in COLUMN A to identify the style and **one** box in COLUMN B to identify the guitar effect. 2

COLUMN A

Rock

Rap

Hip hop

60s pop

COLUMN B

Wah wah

Chorus

Distortion



Question 2

(a) Listen to this excerpt. Tick (✓) **one** box to identify the type of voice. 1

- Soprano
- Alto
- Tenor
- Bass

(b) Listen to the opening of that excerpt again. Identify the prominent effect applied to the voice. The excerpt is short and will be played twice.

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

1

(c) Listen to a different excerpt of music.

Describe how you would capture a performance of a large choir with up to two microphones.

You should identify which microphone or microphones you would use, a suitable polar pattern and one other technical consideration to capture a good recording.

Here is the music.

(i) Type of microphone: _____ 1

(ii) Polar Pattern: _____ 1

(iii) Technical Consideration: _____ 1

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

[Turn over



Question 3

This question is based on piano music.

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

- Cluster
- Broken chord
- Chromatic
- Glissando

- (b) Listen to another excerpt from the same piece. Name the Italian term used by the violins which describes the string playing technique. 1

_____ (Italian term)

- (c) Listen to that excerpt again. Tick (✓) **one** box to describe what you hear. 1

- Glissando
- Atonal
- Inverted pedal
- Modulation

- (d) Listen to a different excerpt of music. Tick (✓) **one** box to correctly identify the effect added to the track. 1

- Delay
- Reverb
- Wah wah
- Chorus



Question 3 (continued)

(e) Listen to this excerpt.

Tick (✓) **one** box in COLUMN A to identify the style and **one** box in COLUMN B to describe the tonality.

2

COLUMN A

Swing

Country

Musical

Ragtime

COLUMN B

Major

Minor

Atonal

[Turn over]



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

Question 4

- (a) Listen to this excerpt and identify the genre/style of the music.

1

- (b) Listen to that excerpt again. Identify **two** production features of the genre/style. The music will be played twice.

Here is music for the first time.

Here is music for the second time.

2

1 _____

2 _____

- (c) Listen to this short excerpt. Identify the effect added to the electric guitar. You will hear the music twice.

Here is music for the first time.

Here is music for the second time.

1

Distortion

Delay

Noise gate

Chorus



Question 5

In this question you will hear an excerpt of Country music recorded in a contemporary style.

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

Listen to the full excerpt with controls, effects and processes applied.

You will now hear each instrument separately. Complete the table below using the following list of controls, effects and processes.

- Delay
- Distortion
- High EQ cut
- LFO
- Wah wah/Envelope filter

Each control, 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.

Bass guitar (dry then wet)

Electric guitar (dry then wet)

Electric piano (dry then wet)

Synthesiser (dry then wet)

Vocal (dry then wet)

5

| Instrument | Control, effect or process applied to instrument |
|-----------------|--|
| Bass Guitar | |
| Electric Guitar | |
| Electric Piano | |
| Synthesiser | |
| Vocal | |

[Turn over



Question 6

- (a) In this question you will hear two versions of the song, “I Want You Back”.

For each version 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 version three times with a pause of **15 seconds** between each playing.

Here is Version 1 for the first time.

Here is Version 2 for the first time.

Here is Version 1 for the second time.

Here is Version 2 for the second time.

Here is Version 1 for the third time.

Here is Version 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

| | |
|-------------------|-------------------|
| Version 1 | Version 2 |
| Instrument/voice: | Instrument/voice: |
| Effect: | Effect: |
| Version 1 | Version 2 |
| Instrument/voice: | Instrument/voice: |
| Panning: | Panning: |

4

- (b) Listen to a further excerpt of Version 1 of the song and identify the tonality.

1

| | |
|----------|--|
| Tonality | |
|----------|--|

[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



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

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