FOR OFFICIAL USE

N5

National Qualifications 2025

Mark

X851/75/01 Music Technology

WEDNESDAY, 14 MAY

1:00 PM – 2:00 PM

X8517501

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 — 40

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.

SQA ©

X8517501 01

Total marks — 40

Attempt ALL questions

MARKS | DO NOT WRITE IN THIS MARGIN

Question 1

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

- ☐ 1920s
- ☐ 1940s
- ☐ 1960s
- ☐ 1980s

(b) Listen to a continuation of this excerpt. Name the genre/style. **1**

_____

(c) Listen to this excerpt. Tick (✓) **one** box to identify what you hear. **1**

- ☐ Arco
- ☐ Whole tone scale
- ☐ Walking bass
- ☐ Rallentando

(d) As you listen to the excerpt:

(i) tick (✓) **one** box to describe the genre/style of the music, and **1**

(ii) in the space below, give a reason to support your answer. **1**

There will be a pause of **20 seconds** before the next question starts.
Here is the music.

- ☐ Rock 'n' roll
- ☐ Swing
- ☐ 60s pop
- ☐ Skiffle

Reason _____

Question 2

(a) Listen to this excerpt. Tick (✓) **one** box to identify what you hear. **1**

- ☐ Arpeggio
- ☐ Pitch bend
- ☐ Cluster
- ☐ Glissando

(b) Listen to this excerpt. Tick (✓) **one** box to identify what you hear. **1**

- ☐ Scat singing
- ☐ Soprano
- ☐ Pedal
- ☐ Vamp

(c) Listen to this excerpt of country music. Describe **two** key musical features which are typical of this genre/style. **2**

1 _____

_____

2 _____

_____

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

[Turn over

Question 2 (continued)

(d) Listen to this excerpt. Describe how this grand piano was captured in the studio using **one** microphone.

You should specify the microphone type, polar pattern and placement.

(i) Type of microphone _____ **1**

_____

(ii) Polar pattern _____ **1**

_____

(iii) Microphone placement _____ **1**

_____

You now have **2 minutes** to answer the question. A warning tone will sound **30 seconds** before the next question starts.

Question 3

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

- ☐ Celtic rock
- ☐ Country
- ☐ Ragtime
- ☐ Scottish

(b) Listen to a continuation of the same excerpt.

Identify **two** musical features that are typical of this genre/style. **2**

1 _____

2 _____

(c) Listen to this excerpt.

Tick (✓) **one** box in COLUMN A to identify the genre and **one** box in COLUMN B to identify the instrument being used. **2**

The excerpt will be played **twice**.

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

COLUMN A	COLUMN B
☐ Rock	☐ Drum kit
☐ Rap	☐ Electric guitar
☐ Blues	☐ Synthesiser
☐ Dance music	

(d) Listen to another excerpt. Identify the instrument playing the melody. **1**

_____

[Turn over

Question 4

(a) Listen to this excerpt. Write the concept which describes the tonality and tick (✓) **one** box to identify the process used to create the audio.

(i) Tonality _____ **1**

(ii) Process **1**

- ☐ Beat-matching
- ☐ Multi-effects processor
- ☐ General MIDI

(b) Listen to the following excerpt of music. Tick (✓) **two** boxes to identify the music/production features present in the music from the five listed below. **2**

You will hear the music **twice** with a pause of **15 seconds** between playings.

You will now have **30 seconds** to read through the question.

- ☐ Countermelody played on synthesiser
- ☐ Electric guitar playing arpeggios
- ☐ Lead vocal with delay
- ☐ Triggered quantised samples
- ☐ Homophonic vocals

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

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

Question 4 (continued)

(c) Listen to this excerpt where reverb has been used.

List **two** controls found on this effect. **2**

1 _____

2 _____

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

(d) Listen to this excerpt. Sibilance is prominent.

Describe **two** ways to reduce this. **2**

1 _____

_____

2 _____

_____

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

(e) Listen to another excerpt.

Tick (✓) **one** box to identify the control/effect on the synthesiser. **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.

- ☐ Pitch bend
- ☐ Panning
- ☐ LFO
- ☐ Delay

[Turn over

Question 5

Listen to this excerpt.

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:

- chorus
- delay
- fade in
- reverb
- wah-wah.

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 synth (dry then wet)

Drum loop (dry then wet)

Electric guitar (dry then wet)

Synth chords (dry then wet)

Vocal (dry then wet)

Instrument	Control, effect or process applied to instrument
Bass synth	
Drum loop	
Electric guitar	
Synth chords	
Vocal	

5

[Turn over for next question

DO NOT WRITE ON THIS PAGE

Question 6

In this question an advert for a music event will be read to you. There is an intellectual property issue that has been addressed.

Follow the text below.

There will be no music played.

PJ Grants music venue announcement

It's that time of year again folks when PJ Grants hosts the loudest, the best, and the most memorable PPL and PRS licensed covers band gig of the year. That's right, on Saturday the 29 of September from 8:30 pm until late you can hear local covers bands perform hits from the 90s. Songs from bands such as Oasis, Radiohead, Blur and many more will be covered. Doors open at 7:30 pm and tickets are available from our box office for £15. Look out for our gig poster, they're everywhere!

Covers Gig Poster

You now have **5 minutes** to answer the questions below.

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

(a) What company are PJ Grants using to make their event legal? **1**

_____

(b) Tick (✓) **one** box to identify who benefits directly from the purchase of the music license. **1**

- ☐ The sound engineer
- ☐ The copyright holders
- ☐ PJ Grants
- ☐ The performers

Question 6 (continued)

(c) Identify **one** feature in a piece of music that copyright can protect. **1**

_____

_____

[Turn over

DO NOT WRITE IN THIS MARGIN

Question 7

(a) In this question you will hear **two** excerpts 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 tables 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 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)

Question 7 (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 a continuation of excerpt 2 and identify the tonality. **1**

Tonality	

[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

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