

FOR OFFICIAL USE



National
Qualifications
SPECIMEN ONLY

Mark

SQ33/N5/01

Music Technology

Date — Not applicable

Duration — 45 minutes



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.

The text of each question is printed so that you can follow what the speaker says.

Listen carefully to the questions and to the music excerpts.

Some excerpts are played more than once. The number of times each excerpt is played is stated in each question.

Attempt ALL questions.

Write your answers clearly in the spaces provided.

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.



Question 1

MARKS

DO NOT
WRITE IN
THIS
MARGIN

(a) Listen to this excerpt. Tick **one** box to identify the style.

1

Blues

Disco

Punk

60s pop

(b) Listen to another section of the same track. Tick **one** box to describe what you hear.

1

Coda

Instrumental break

Accelerando

Rallentando

(c) In which decade was this music recorded? Tick **one** box.

1

1930s

1950s

1970s

1990s

(d) Listen to this excerpt. Tick **one** box to identify the style.

1

Blues

Disco

Punk

60s pop



* S Q 3 3 N 5 0 1 0 2 *

MARKS

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Question 1 (continued)

- (e) In this excerpt, the vocalist has a wide dynamic range which has resulted in audible distortion.

Describe **two** ways you could overcome this problem in a modern recording studio.

2

You now have one minute to answer the question. A warning will sound 30 seconds before the next question starts.

Total marks 6



Question 2

(a) Listen to this excerpt. Identify the prominent effect on the vocal.

1

- Reverb
- Chorus
- Low EQ boost
- Delay

(b) Listen to an instrumental break and identify the solo instrument.

1

The excerpt is short and will be played twice.

Here it is for the first time.

Here it is for the second time.

The solo instrument is a/an _____

(c) Listen to this excerpt.

3

Describe in detail how you would capture this performance using a close microphone technique.

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

Type of microphone: _____

Polar pattern: _____

Microphone placement and distance: _____

Total marks 5



Question 3

(a) Listen to this excerpt. Tick **one** box to describe what you hear.

1

- Disco
- Hip hop
- Synth pop
- Rock 'n' roll

(b) Listen to the excerpt again.

Identify **two** production features that are typical of the 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 describe the tonality.

2

COLUMN A

COLUMN B

- Disco
- Hip hop
- Synth pop
- Rock 'n' roll

- Major
- Minor
- Atonal

(d) Listen to another track from the same genre. Complete the list of instruments you hear.

1

1. Electronic drum kit

2. _____

3. Electric guitar



Question 3 (continued)

MARKS DO NOT WRITE IN THIS MARGIN

(e) Listen to that excerpt again. Identify the effect on the electric guitar. **1**

Distortion

Delay

Pitch Bend

Total marks 7



MARKS

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Question 4

Listen to this excerpt.

Write the musical term which describes the bass line, and tick **one** box to describe the texture.

(i) Musical term _____ **1**

(ii) Texture **1**

Homophonic

Total marks 2

Polyphonic

Bridge

Ternary



* S Q 3 3 N 5 0 1 0 7 *

Question 5

In this question you will hear a version of the song “September” by Earth, Wind and Fire.

You are asked to identify how each of five mix elements (instrument/voice) are treated with EQ and effects.

Listen now to a full band dry mix (without any controls or effects applied), then a full band wet mix (with controls and effects applied).

You now have one minute to read through the question.

You will hear each element separately. As you listen, complete the table below using the following list of controls and effects:

- Room reverb
- Low EQ boost
- Chorus
- Delay
- Gated reverb

Each control or effect is used only once.

Instrument	Control or effect
Drum kit	
Bass guitar	
Keyboards	
Electric guitar	
Vocals	

Now listen carefully to

5

- Drum kit (dry then wet)
- Bass guitar (dry then wet)
- Keyboards (dry then wet)
- Electric guitar (dry then wet)
- Vocals (dry then wet)

Question 6

In this question you will hear two versions of the song “See-Line Woman” written by Nina Simone. You will hear each version three times.

Your task is to identify one example of an effect and one example of panning for each version of the song.

You will listen to each version and complete the tables below.

In each box, you must link an instrument or voice(s) with an effect or panning.

Finally, you should identify the tonality of the song.

The following page is for rough work and will not be marked.

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

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

Tonality of song	
------------------	--

You will hear each version three times with a pause of **15 seconds** between.

5

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.



Question 6 (continued)

MARKS
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[FOR ROUGH WORK ONLY, THIS PAGE WILL NOT BE MARKED]

[END OF SPECIMEN QUESTION PAPER]



* S Q 3 3 N 5 0 1 1 0 *

List of Tracks

- Question 1(a) and 1(b) "I Fought the Law" from "The Essential Clash" performed by The Clash composed by Sonny Curtis.
- Question 1(c) "I Love Music" from "The Ultimate O'Jays" performed by The O'Jays, composed by Kenneth Gamble and Leon A Huff.
- Question 1(d) "Smokestack Lightnin'" from "The Howlin' Wolf Anthology" performed and composed by Howlin' Wolf
- Question 1(e) "(I'm Your) Hoochie Coochie Man" from "The Best of Chess Records" performed and composed by Muddy Waters.
- Question 2(a) and 2(b) "I Got You (I Feel Good)" from "The Godfather: The Very Best of James Brown" performed and composed by James Brown.
- Question 2(c) "Three Little Words" from "On Impulse" performed by Sonny Rollins, composed by Bert Kalmar and Harry Ruby.
- Question 3(a) and 3(b) "California Love" from "2Pac Greatest Hits" performed by 2Pac, Dr Dre and Roger Troutman composed by 2Pac.
- Question 3(c) "To Cut A Long Story Short" from "Playlist: Electro" performed and composed by Spandau Ballet.
- Question 3(d) and 3(e) "Blue Monday" from "Substance" performed and composed by New Order.
- Question 4(a) "Trouble" from "The King" performed by Elvis Presley, composed by Jerry Leiber and Mike Stoller.
- Question 5 "See-Line Woman" from "The Reminder" performed by Feist, composed by Nina Simone
- Question 5 "Sealion" from "The Best of Nina Simone" performed and composed by Nina Simone.
- Question 6 "September" from "The Best of Earth, Wind & Fire Vol 1" performed by Funk Nation, composed by Allee Willis, Maurice White and Al McKay.