

NCFE Level 1/2 Technical Award in Music Technology (603/7008/7)

Examined assessment

Paper number: **Past paper**
Assessment date: **Thursday 13 June 2024**

Time allowed: **1 hour 30 minutes**
Time: **1.30pm – 3.00pm**

Learner instructions

- Use black ink.
- Answer **all** questions.
- Read each question carefully.
- You **must** write your responses in the spaces provided.
- You may do rough work in this answer book. Cross through any work you do not wish to be marked.
- If you use a supplementary answer booklet, you must add your learner name, learner number and centre number to the front cover of the booklet. Insert your supplementary answer booklet inside this question paper at the end of your test.
- All of the work you submit **must** be your own.

Resources

- Headphones.
- Individual workstation with listening capabilities.
- Audio files:
 - Audio File Section A
 - Audio File Section B
 - Audio File Section C
 - Audio File Section D.

Learner information

- The marks available for each question are shown in brackets.
- The maximum mark for this paper is **80**.
- It is recommended that you only listen to each of the supplied audio tracks a maximum of three times to help you manage your time.

Do not turn over until the invigilator tells you to do so.

Please complete / check your details below

Learner name:

Centre name:

Learner number:

Centre number:

Section A

This section has a possible **20** marks.

Answer **all** questions in the spaces provided.

- 1** Which **one** of the following pieces of computer hardware can store DAW projects? **[1 mark]**

- A** Display
- B** Hard drive
- C** Processor
- D** Random access memory

Answer _____

- 2** Which **one** of the following control surface features is designed to be tapped with fingers? **[1 mark]**

- A** Data wheels
- B** Faders
- C** Knobs
- D** Pads

Answer _____

3 Which **one** of the following file formats is a video file?

[1 mark]

- A AIF
- B MOV
- C MP3
- D WAV

Answer _____

4 Name **one** effect that creates separate audible repeats of a sound.

[1 mark]

5 Popular music is often composed in structural sections. A chorus is an example of one of these sections.

Name **one other** section used in the structure of music.

Describe that section's use.

[2 marks]

Name of section _____

Description of section _____

6 **Figure 1** shows the controls on a compressor.

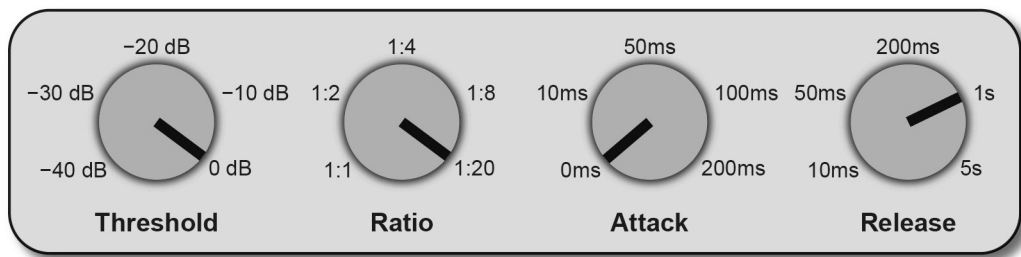


Figure 1

Describe how a producer could adjust the compressor to make it activate for quieter sounds.

[2 marks]

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7 Identify **three different** track types used in a DAW.

Explain the function of each of these track types.

[6 marks]

Track type 1 _____

Function of track type 1 _____

Track type 2 _____

Function of track type 2 _____

Track type 3 _____

Function of track type 3 _____

Please turn over for the next question.

8 Listen to Audio File Section A.

A producer is categorising a song for streaming. For the genre, they are trying to decide if the best choice is 'dance music' or 'rock'.

Explain how **three different** musical elements in **Audio File Section A** indicate that 'dance music' might be a better choice of genre than 'rock'.

[6 marks]

1

2

3

Section B

This section has a possible **20** marks.

Answer **all** questions in the spaces provided.

- 9** Which **one** of the following is a **compound** time signature?

[1 mark]

A 2/4

B 4/4

C 7/4

D 9/4

Answer _____

- 10** Which **one** of the following is a form of **untuned** percussion?

[1 mark]

A Cymbal

B Glockenspiel

C Piano

D Xylophone

Answer _____

Please turn over for the next question.

11 Which **one** of the following is an example of strophic form?

[1 mark]

- A AAA
- B AB
- C ABA
- D ABCBA

Answer _____

12 Name **one** royalty collection agency.

[1 mark]

13 Listen to **Audio File Section B**.

Assess the stereo placement of the drums heard in **Audio File Section B**.

[2 marks]

14 Name **three different** physical media formats for audio.

Describe **one** advantage of each format.

[6 marks]

Format 1 _____

Advantage of format 1 _____

Format 2 _____

Advantage of format 2 _____

Format 3 _____

Advantage of format 3 _____

15 Name **two different live** streaming platforms.

[2 marks]

1 _____

2 _____

Please turn over for the next question.

- 16** A new recording studio is about to open to the public, and the owner wants to reduce potential health and safety risks.

Explain **three** actions that will improve health and safety in the studio.

[6 marks]

Action 1

Action 2

Action 3

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Section C

This section has a possible **19** marks.

Answer **all** questions in the spaces provided.

- 17** Which **one** of the following media products describes an audio-only music release that has just one track of around 3 to 4 minutes in length?

[1 mark]

- A** Album
- B** EP
- C** Single
- D** Video

Answer _____

- 18** Artists often sign a management agreement.

Which **one** of the following activities is an artist's manager responsible for?

[1 mark]

- A** Assembly of musical material
- B** Creation of parts
- C** Finding opportunities for clients
- D** Maintaining and repairing equipment

Answer _____

19 Which **one** of the following activities is a description of a low pass filter? [1 mark]

- A Allows a set range of frequencies through, filtering sounds above and below this point
- B Allows high and low frequency sounds through but filters sound at a set mid-point
- C Allows high frequency sounds through and cuts low frequency sounds
- D Allows low frequency sounds through and cuts high frequency sounds

Answer _____

20 State the type of power supply needed for condenser microphones to operate. [1 mark]

21 A subwoofer is a type of studio monitor speaker.
State **two additional** types of studio monitor speaker.

[2 marks]

1 _____

2 _____

22 A producer is going to record a band.

Suggest **three** questions the producer could ask the band prior to planning a recording session with them.

Explain the purpose of each question.

[6 marks]

Question 1 _____

Purpose of question 1 _____

Question 2 _____

Purpose of question 2 _____

Question 3 _____

Purpose of question 3 _____

Please turn over for the next question.

- 23** Explain **one** way of keeping a DAW session organised when working with lots of files.

[2 marks]

- 24** Some parts in **Audio File Section C** have been routed through buses.

Explain **one** way a bus has been used to process parts in **Audio File Section C**.

[2 marks]

- 25** Identify **one** item of DJ technology and describe **two different** ways it could be used in a performance.

[3 marks]

Item _____

Use 1 _____

Use 2 _____

Please turn over for Section D.

Section D

This section has a possible **21** marks.

Answer **all** questions in the spaces provided.

- 26** The MIDI standard was introduced in the 1980s.

Analyse the impact the introduction of MIDI had on music composition and production in the 1980s.

[9 marks]

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Please turn over for the next question.

Past paper

Audio File Section D is a piece of audio and underscore written for a film.

Suggest and justify changes that could be made to **Audio File Section D** to add tension to the piece.

[12 marks]

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This is the end of the examined assessment

To be completed by the Examiner			
Question	Mark	Question	Mark
1		15	
2		16	
3		17	
4		18	
5		19	
6		20	
7		21	
8		22	
9		23	
10		24	
11		25	
12		26	
13		27	
14			
		TOTAL MARK	