

X851/75/01

## **Music Technology**

WEDNESDAY, 14 MAY 1:00 PM - 2:00 PM



Fill in these boxes and read what is printed below.							
Full name of ce	ntre			Town			
Forename(s)		Sur	name	L		Number of	seat
Date of birt	th						
Day	Month	Year	Scottish c	andidate r	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.





	Total marks — 40	MARKS   DO NOT WRITE IN
	Attempt ALL questions	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
(6)		
	Arco	
	Whole tone scale	
	Walking bass	
	Rallentando	
(d)	As you listen to the excerpt:	
	(i) tick ( $\checkmark$ ) 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 <b>20 seconds</b> before the next question starts. Here is the music.	
	Rock 'n' roll	
	Swing	
	60s pop	
	Skiffle	
	Reason	



		MARKS	DO NOT WRITE IN THIS
Question	2		MARGIN
(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 <b>two</b> key musical features which are typical of this genre/style.	2	
	1	_	
		_	
	2	_	
		_	
	You now have 30 seconds to complete your answer.		
	[Turn ove	r	



MARKS	DO NOT WRITE IN
	THIS MARGIN

### Question 2 (continued)

(d)	Listen to this excerpt. Describe how this grand piano was captured in the studio using <b>one</b> 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.

			MARKS	DO NOT WRITE IN THIS MARGIN
estion	3			MANGIN
(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 ex	xcerpt.		
	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 identito identify the instrument being used.	tify the genre and <b>one</b> box in COLUMN B	2	
	The excerpt will be played <b>twice</b> .			
	Here is the excerpt for the first time. Here is the excerpt for the second time	e.		
	COLUMN A CO	DLUMN 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	r	



MARKS	DO NOT
	THIS
	MARGIN

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. ,	116411011	~

(a)	Listen to this excerpt. Write the concept which describes the tonality and tick $(\checkmark)$ 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 ( $\checkmark$ ) two boxes to identify the music/production features present in the music from the five listed below.	2
	You will hear the music <b>twice</b> with a pause of <b>15 seconds</b> 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.	



		MA	ARKS	DO NOT WRITE II THIS MARGIN
Question	4 (continued)			
(c)	Listen to this excerpt where reverb has been used.		ļ	
	List <b>two</b> controls found on this effect.		2	
	1			
	2			
	You now have <b>30 seconds</b> to complete your answer.			
(d)	Listen to this excerpt. Sibilance is prominent.			
	Describe two ways to reduce this.		2	
	1			
	2			
	You now have <b>one minute</b> 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		

\* \* \* \* 5 1 7 5 0 1 0 7 \*

### 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



WRITE IN THIS MARGIN

### 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.

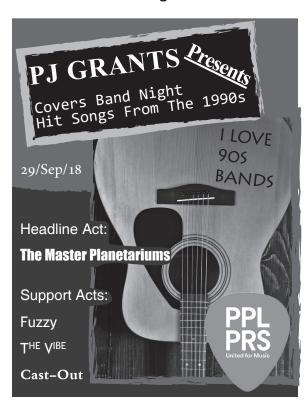
Follow the text below.

There will be no music played.

### **Covers Gig Poster**

# 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!



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	



stion	6 (continued)		MARKS	DO N WRITE THI MARG	
	Identify one feature in a piece of music that copyright can protect.		1		
			-		
		[Turn over			

### 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.

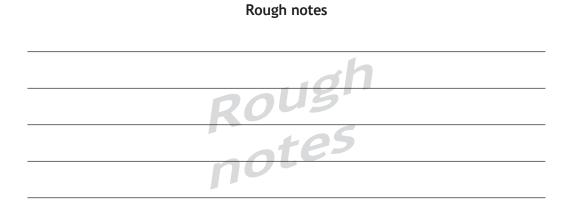
Here is excerpt 2 for the first time.

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 will not be marked)



4

1

## Question 7 (a) (continued)

(b)

### Final answer

Excerpt 1	Excerpt 2
Instrument/voice	Instrument/voice
Effect	Effect
Excerpt 1	Excerpt 2
Instrument/voice	Instrument/voice
Panning	Panning
isten to a continuation of excerpt 2 a	nd identify the tonality.

[END OF QUESTION PAPER]

Tonality



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### **ADDITIONAL SPACE FOR ANSWERS**



MARKS DO NOT WRITE IN THIS MARGIN ADDITIONAL SPACE FOR ANSWERS



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Acknowledgement of copyright

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