



National
Qualifications
2019

2019 Music Technology
Higher
Finalised Marking Instructions

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General marking principles for Higher Music Technology

Always apply these general principles. Use them in conjunction with the detailed marking instructions, which identify the key features required in candidates' responses.

- (a) Always use positive marking. This means candidates accumulate marks for the demonstration of relevant skills, knowledge and understanding; marks are not deducted for errors or omissions.
- (b) You should not accept any answer that is not in the marking instructions. Use professional judgement when candidates' responses do not exactly match the marking instructions but carry the same meaning.
- (c) Accept inaccurate spelling of English or Italian terms, as long as the meaning is clear.
- (d) Where a question asks for a description, explanation or justification, do not award marks for simple one or two word answers.

Marking instructions for each question

Question			Expected answer(s)	Max mark	Additional guidance
1.	(a)		Reggae Counter melody.	2	1 mark for each. Do not accept other answers here.
	(b)		<ul style="list-style-type: none"> beats 2 and 4 emphasised repeated riff pattern off-beat chords simple repeated chord pattern expressive and soulful vocals relaxed performance backing vocals in harmony prominent bass part syncopated bassline. 	2	1 mark for each. Do not accept other answers here.
2.	(a)		<p>Jazz funk</p> <p>Possible music features</p> <ul style="list-style-type: none"> ostinato and/or riff syncopation extended groove sections melodic and/or complex bass lines jazz instrumentation with electric instruments use of synthesiser use of Hammond organ prominent bass. <p>Possible technological features</p> <ul style="list-style-type: none"> live sounding recording with minimal post-production use of modulation effects use of synthesiser use of Hammond organ wah wah. 	<p>1</p> <p>1</p> <p>1</p>	<p>1 mark for correct genre.</p> <p>1 mark for a reason related to a musical concept.</p> <p>1 mark for a reason related to a technological concept. Also accept chorus/flange/phase.</p>
	(b)		Cross rhythms.	1	Do not accept other answers here.
3.	(a)	(i)	<p>Fault</p> <ul style="list-style-type: none"> there is popping and blasting present in the mix mic technique/placement is poor. 	1	Do not accept other answers here.
		(ii)	<p>Correction</p> <ul style="list-style-type: none"> adjust the mic position move the mic off axis use a pop shield. 	1	Do not accept other answers here.

Question		Expected answer(s)	Max mark	Additional guidance												
7.	(a)	<p>Examples of key innovators, attributes and technologies could include:</p> <p>Genre: Hip hop</p> <table><tr><td>Key innovators</td><td><ul style="list-style-type: none">DJ Kool HercDr DreGrand Master Flash.</td></tr><tr><td>Key attribute</td><td><ul style="list-style-type: none">mixing using DJ decksrapping/mc'ingtriggering samples.</td></tr><tr><td>Key technology</td><td><ul style="list-style-type: none">DJ decksdrum machinesamplersequencersynthesiser.</td></tr></table> <p>Genre: Jazz funk</p> <table><tr><td>Key innovators</td><td><ul style="list-style-type: none">Herbie HancockLonnie Liston SmithSnarky PuppyStanley Clarke.</td></tr><tr><td>Key attribute</td><td><ul style="list-style-type: none">electric/electronic instrumentation with improvisationirregular time signaturessyncopationtime changes.</td></tr><tr><td>Key technology</td><td><ul style="list-style-type: none">modulation/filter effects on guitar/wah wahrhodes pianosynthesiser.</td></tr></table>	Key innovators	<ul style="list-style-type: none">DJ Kool HercDr DreGrand Master Flash.	Key attribute	<ul style="list-style-type: none">mixing using DJ decksrapping/mc'ingtriggering samples.	Key technology	<ul style="list-style-type: none">DJ decksdrum machinesamplersequencersynthesiser.	Key innovators	<ul style="list-style-type: none">Herbie HancockLonnie Liston SmithSnarky PuppyStanley Clarke.	Key attribute	<ul style="list-style-type: none">electric/electronic instrumentation with improvisationirregular time signaturessyncopationtime changes.	Key technology	<ul style="list-style-type: none">modulation/filter effects on guitar/wah wahrhodes pianosynthesiser.	3	<p>Candidates are asked to select a genre from the list provided. No marks are awarded for this.</p> <p>For the genre selected marks are awarded for identifying</p> <ul style="list-style-type: none">a key innovator (1 mark)a key attribute (1 mark)a key technology (1 mark)
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Question			Expected answer(s)	Max mark	Additional guidance						
			<p>Genre: Reggae</p> <table><tr><td>Key innovators</td><td><ul style="list-style-type: none">• Bob Marley• King Tubby• Lee ‘Scratch’ Perry.</td></tr><tr><td>Key attribute</td><td><ul style="list-style-type: none">• beats 2 and 4 emphasised• repeated riff pattern• off-beat chords• simple repeated chord pattern• expressive and soulful vocals• relaxed performance• backing vocals in harmony• prominent bass part• syncopated bassline.</td></tr><tr><td>Key technology</td><td><ul style="list-style-type: none">• Hammond organ• spring reverb• (tape) delay.</td></tr></table>	Key innovators	<ul style="list-style-type: none">• Bob Marley• King Tubby• Lee ‘Scratch’ Perry.	Key attribute	<ul style="list-style-type: none">• beats 2 and 4 emphasised• repeated riff pattern• off-beat chords• simple repeated chord pattern• expressive and soulful vocals• relaxed performance• backing vocals in harmony• prominent bass part• syncopated bassline.	Key technology	<ul style="list-style-type: none">• Hammond organ• spring reverb• (tape) delay.		
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Question		Expected answer(s)	Max mark	Additional guidance
	(b)	<p>Examples could include</p> <p>Wax Cylinder</p> <p>Example of key innovator Thomas Edison.</p> <p>Example of their influence on the development of this technology the wax cylinder was one of the first commercial mediums. Edison perfected a solid wax cylinder which could be shaved down and used again.</p> <p>Synthesiser</p> <p>Example of key innovator Bob Moog.</p> <p>Example of their influence on the development of this technology Moog developed a voltage controlled series of modules which could be patched together to create sound.</p> <p>Microphone</p> <p>Example of key innovator Dr Harry F Olson.</p> <p>Example of their influence on the development of this technology Olson was a key innovator of the ribbon microphone. This bi-directional microphone was used extensively in the broadcasting industry.</p>	2	<p>Candidates are asked to select a technology from the list provided. No marks are awarded for this.</p> <ul style="list-style-type: none"> • Example of a key innovator (1 mark) • Example of the key innovator's influence on the development of the selected technology. (1 mark)

Question			Expected answer(s)	Max mark	Additional guidance
8.			1. parametric 2. inverted pedal 3. portamento and phaser 4. release 5. submix 6. rallentando	7	1 mark for each correct answer. 1 – Also accept notch or bell curve. 3 – Also accept flanger Also accept glide. 4 – Also accept sustain. 5 – Also accept group or bus. 6 – Also accept rall or ritardando/rit.
9.			The correct 5 features are <ul style="list-style-type: none"> • arpeggios/broken chords on electric guitar • oboe plays a solo • tambourine panned right • time changes • tremolo effect on electric guitar. 	5	1 mark for each correct feature. Features can be listed in any order. Do not accept other answers here.

[END OF MARKING INSTRUCTIONS]