



National  
Qualifications  
2022

# **2022 Music Technology**

## **National 5**

### **Finalised Marking Instructions**

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## General marking principles for National 5 Music Technology

*This information is provided to help you understand the general principles you must apply when marking candidate responses to questions in this paper. These principles must be read in conjunction with the detailed marking instructions, which identify the key features required in candidate responses.*

- (a) Marks for each candidate response must always be assigned in line with these general marking principles and the detailed marking instructions for this assessment.
- (b) Marking should always be positive. This means that, for each candidate response, marks are accumulated for the demonstration of relevant skills, knowledge and understanding: they are not deducted from a maximum on the basis of errors or omissions.
- (c) Do not accept any answer that is not in the marking instructions. Use professional judgement when candidates' responses do not exactly match marking instructions but carry the same meaning.
- (d) Where a candidate has provided more than one answer, for example by ticking two boxes instead of one or adding an extra wrong answer, place a cross beside the wrong answer and deduct the mark assigned to the correct answer. If this has happened more than once or several times the mark cannot go below 0, that is, into negative marks.
- (e) Candidates are asked to tick one or two boxes in multiple choice questions. Accept a cross or any other sign which makes the candidate's intentions clear.
- (f) Accept inaccurate spelling of English or Italian terms.

## Marking instructions for each question

Question			Expected response	Max mark	Additional guidance
1.	(a)		1980s	1	Do not accept other answers here.
	(b)		Synth Pop	1	Do not accept other answers here.
	(c)		Modulation	1	Do not accept other answers here.
	(d)	(i)	Swing	1	Do not accept other answers here.
		(ii)	<ul style="list-style-type: none"> <li>Improvisation</li> <li>(Saxophone) instrumental break</li> <li>Live recording</li> <li>Swing rhythms</li> <li>Syncopation</li> <li>Walking bass.</li> </ul>	1	<p>Also accept brass or big band instrumentation.</p> <p>Also accept swing band or rhythm section.</p>
2.	(a)		Pitch bend	1	Do not accept other answers here.
	(b)		Scat singing	1	Do not accept other answers here.
	(c)		<p>Accept any two of the following:</p> <ul style="list-style-type: none"> <li>distorted electric guitars</li> <li>distortion</li> <li>little post production</li> <li>simple chord structure.</li> </ul>	2	<p>Electric guitar or distorted guitar on their own are not acceptable responses.</p> <p>Also accept live sounding recording.</p> <p>Also accept aggressive hard rock sound.</p> <p>Also accept aggressive vocals or anti-establishment or political lyrics.</p>
	(d)	(i)	Large diaphragm dynamic microphone	1	Also accept dynamic microphone.
		(ii)	Cardioid	1	Also accept hyper-cardioid.
		(iii)	Using a close mic technique	1	<p>Accept responses which describe placement of the microphone directly in front of, or inside the bass (kick) drum.</p> <p>Accept distances of up to 10 cm (4 inches).</p>

Question			Expected response	Max mark	Additional guidance												
3.	(a)		Dance music	1	Do not accept other answers here.												
	(b)		Accept any two of the following: <ul style="list-style-type: none"><li>• drum machines or drum loops</li><li>• synthesisers</li><li>• minimal use of acoustic <b>and/or</b> live instruments</li><li>• sequencers</li><li>• use of samplers</li><li>• use of loops.</li></ul>	2	Also accept electronic drums. Also accept keyboard. Also accept use of computer generated sound(s) <b>or</b> MIDI <b>or</b> virtual instrument(s).												
	(c)		Ragtime Vamp	2	Do not accept other answers here.												
	(d)		Electric guitar	1	Also accept slide guitar. Guitar on its own is not accepted.												
4.	(a)	(i)	Homophonic	1	Also accept unison <b>or</b> accompanied.												
		(ii)	Inverted pedal	1	Do not accept other answers here.												
	(b)		Piano with reverb effect Lead vocal with panning delay	2	Do not accept other answers here.												
	(c)		Accept any two of the following: <ul style="list-style-type: none"><li>• rate</li><li>• depth</li><li>• mix.</li></ul>	2	Also accept speed.												
	(d)		Accept any two of the following: <ul style="list-style-type: none"><li>• check <b>or</b> fix <b>or</b> replace cable/lead</li><li>• check connection on synth</li><li>• check connection on interface <b>or</b> (mixing) desk</li><li>• reposition cable/lead away from mains supply.</li></ul>	2	Do not accept other answers here.												
5.			<table><tr><th>Instrument</th><th>Control, effect or process applied to instrument</th></tr><tr><td>Bass synth</td><td>High EQ cut</td></tr><tr><td>Electric piano</td><td>Chorus</td></tr><tr><td>Samples</td><td>Panning</td></tr><tr><td>Strings</td><td>Reverb</td></tr><tr><td>Synth chords</td><td>Delay</td></tr></table>	Instrument	Control, effect or process applied to instrument	Bass synth	High EQ cut	Electric piano	Chorus	Samples	Panning	Strings	Reverb	Synth chords	Delay	5	1 mark for each correct control, effect or process. Do not accept other answers here.
Instrument	Control, effect or process applied to instrument																
Bass synth	High EQ cut																
Electric piano	Chorus																
Samples	Panning																
Strings	Reverb																
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Question			Expected response		Max mark	Additional guidance								
6.	(a)		<table><tr><th>Element</th><th>Excerpt 1</th><th>Excerpt 2</th></tr><tr><td>Effects</td><td>Acoustic guitar – reverb Backing vocals – reverb <b>or</b> delay Drum kit – reverb Electric guitar – distortion <b>or</b> wah wah <b>or</b> reverb <b>or</b> delay Lead <b>and/or</b> male vocal – reverb <b>or</b> delay Piano – reverb Synthesiser – reverb <b>or</b> delay <b>or</b> wah wah</td><td>Acoustic guitar – reverb Drum kit – reverb Electric guitar – distortion <b>or</b> reverb <b>or</b> delay <b>or</b> chorus Lead <b>and/or</b> male vocal – reverb <b>or</b> delay Piano – chorus <b>or</b> reverb (Synth) strings – reverb</td></tr><tr><td>Panning</td><td>Acoustic guitar – right Backing vocals – left <b>or</b> centre <b>or</b> right Bass guitar – centre Drum kit – centre Electric guitar – left <b>or</b> centre <b>or</b> right Lead <b>and/or</b> male vocal – centre Piano – centre Synthesiser – left <b>or</b> centre <b>or</b> right Tambourine – centre</td><td>Acoustic guitar – left Bass guitar – centre Drum kit – centre Electric guitar – right Lead <b>and/or</b> male vocal – centre Piano – centre (Synth) strings – centre <b>or</b> left <b>or</b> right</td></tr></table>	Element	Excerpt 1	Excerpt 2	Effects	Acoustic guitar – reverb Backing vocals – reverb <b>or</b> delay Drum kit – reverb Electric guitar – distortion <b>or</b> wah wah <b>or</b> reverb <b>or</b> delay Lead <b>and/or</b> male vocal – reverb <b>or</b> delay Piano – reverb Synthesiser – reverb <b>or</b> delay <b>or</b> wah wah	Acoustic guitar – reverb Drum kit – reverb Electric guitar – distortion <b>or</b> reverb <b>or</b> delay <b>or</b> chorus Lead <b>and/or</b> male vocal – reverb <b>or</b> delay Piano – chorus <b>or</b> reverb (Synth) strings – reverb	Panning	Acoustic guitar – right Backing vocals – left <b>or</b> centre <b>or</b> right Bass guitar – centre Drum kit – centre Electric guitar – left <b>or</b> centre <b>or</b> right Lead <b>and/or</b> male vocal – centre Piano – centre Synthesiser – left <b>or</b> centre <b>or</b> right Tambourine – centre	Acoustic guitar – left Bass guitar – centre Drum kit – centre Electric guitar – right Lead <b>and/or</b> male vocal – centre Piano – centre (Synth) strings – centre <b>or</b> left <b>or</b> right	4	<p>In order to gain a mark, candidates must reference the instrument <b>and/or</b> voice <b>and</b> how it has been effected <b>or</b> panned. The table indicates all the acceptable answers.</p> <p>For Excerpt 1 and Excerpt 2 – ‘guitar’ and ‘vocals’ on their own are not acceptable answers.</p> <p>Lead and/or male vocal, backing vocals, acoustic guitar, bass guitar and electric guitar are the acceptable terminology.</p> <p>Excerpt 1 – Also accept – synthesiser – flanger.</p> <p>Excerpt 1 – Also accept – theremin – reverb <b>or</b> delay.</p> <p>Excerpt 1 – Also accept – theremin – left.</p>
Element	Excerpt 1	Excerpt 2												
Effects	Acoustic guitar – reverb Backing vocals – reverb <b>or</b> delay Drum kit – reverb Electric guitar – distortion <b>or</b> wah wah <b>or</b> reverb <b>or</b> delay Lead <b>and/or</b> male vocal – reverb <b>or</b> delay Piano – reverb Synthesiser – reverb <b>or</b> delay <b>or</b> wah wah	Acoustic guitar – reverb Drum kit – reverb Electric guitar – distortion <b>or</b> reverb <b>or</b> delay <b>or</b> chorus Lead <b>and/or</b> male vocal – reverb <b>or</b> delay Piano – chorus <b>or</b> reverb (Synth) strings – reverb												
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	(b)	Major		1	Do not accept other answer here.									

[END OF MARKING INSTRUCTIONS]