



National  
Qualifications  
2023

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# **2023 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)		1960s	1	Do not accept other answers here.
	(b)		60s pop	1	Do not accept other answers here.
	(c)		Baritone	1	Do not accept other answers here.
	(d)	(i)	Celtic rock	1	Do not accept other answers here.
		(ii)	<ul style="list-style-type: none"> <li>Mixture of traditional acoustic <b>and</b> amplified instruments.</li> <li>Traditional music or song <b>with</b> rock accompaniment.</li> <li>Rock rhythm section.</li> </ul>	1	Also accept bagpipes, fiddle or violin. Also accept trad. music with rock accompaniment.
2.	(a)		LFO	1	Do not accept other answers here.
	(b)		Accelerando	1	Do not accept other answers here.
	(c)		Accept any two of the following: <ul style="list-style-type: none"> <li>prominent vocals in the mix</li> <li>use of orchestral instruments with band</li> <li>few effects if any (only reverb)</li> <li>use of radio mics</li> <li>use of shot gun mics</li> <li>use of overhead mics</li> <li>use of boundary mics</li> <li>use of close mic technique for band instruments</li> <li>use of direct injection for band instruments</li> <li>live recording.</li> </ul>	2	<b>1 mark</b> for each correct answer.  Do not accept individual sections of the orchestra.  Also accept head mics.
	(d)	(i)	Condenser	1	Do not accept other answers here.
		(ii)	Cardioid	1	Do not accept other answers here.
		(iii)	Close (or suitable distance) to the fret board <b>or</b> Close (or suitable distance) to the strings <b>or</b> Between the neck and body.	1	Responses should include reference to an appropriate area of the guitar and distance of microphone, eg 10-20 cm from the 12th fret.  Do not accept near to the guitar. Do not accept directly in front of the sound hole.

Question			Expected response	Max mark	Additional guidance
3.	(a)		Disco	1	Do not accept other answers here.
	(b)		Accept any two of the following: <ul style="list-style-type: none"> <li>• rhythmic electric guitar</li> <li>• a style of popular music for dancing</li> <li>• amplified instruments</li> <li>• simple repetitive lyrics</li> <li>• prominent bass (groove or riff)</li> <li>• string section</li> <li>• synthesiser</li> <li>• 16th disco beat</li> <li>• hand claps.</li> </ul>	2	1 mark for each correct answer.  Also accept vocal harmonies.
	(c)	A	Ragtime	1	Do not accept other answers here.
		B	Vamp	1	Do not accept other answers here.
	(d)		Trombone	1	Do not accept other answers here.
4.	(a)	(i)	Chromatic	1	Do not accept other answers here.
		(ii)	Instrumental break	1	Do not accept other answers here.
	(b)		Pitch bend on double bass. Wah-wah electric guitar panned right.	2	Do not accept other answers here.
	(c)		Accept any of the following: <ul style="list-style-type: none"> <li>• can be used to capture 2 sources at the same time</li> <li>• rejects sound from the sides</li> <li>• can capture spill from the rear</li> <li>• the sound captured from the front side is the opposite polarity to that captured to the rear</li> <li>• has a bi-directional pickup.</li> </ul>	1	Also accept any response which infers to audio capture from the front and/or back. Also accept null points to the sides.  Also accept standard polar pattern of ribbon microphones.
	(d)		Accept any two of the following: <ul style="list-style-type: none"> <li>• use a pop shield or filter</li> <li>• increase distance between the singer and microphone</li> <li>• use a less sensitive microphone</li> <li>• angle mic position slightly off-axis to the singer.</li> </ul>	2	1 mark for each correct answer.  Also accept sing off axis.
	(e)		Wah-wah	1	Do not accept other answers here.

Question			Expected response		Max mark	Additional guidance
5.			Instrument	Control, effect or process applied to instrument	5	Do not accept other answers here.
			Backing vocals	Vocal enhancer		
			Lead vocals	Noise gate		
			Electric guitar	Multi-effects processor		
			Synthesiser	LFO		
			Bass guitar	High EQ cut		

Question			Expected response			Max mark	Additional guidance
6.	(a)		Element	Excerpt 1	Excerpt 2	4	<p>In order to gain a mark, candidates must reference one instrument or voice and how it has been effected or 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>Drums is not acceptable, drumkit is an acceptable answer.</p> <p>Lead or male vocal, backing vocals, acoustic guitar, bass guitar and electric guitar are the acceptable terminology.</p> <p>For excerpt 1 and excerpt 2 also accept organ – overdrive.</p> <p>For excerpt 2 also accept lead <b>and/or</b> male vocal – overdrive.</p>
			Effects	Backing vocals – reverb Drum kit – reverb Electric guitar – distortion Electric guitar – wah-wah Lead <b>and/or</b> male vocal – reverb	Backing vocals – reverb Drum kit – reverb Electric guitar – distortion Lead <b>and/or</b> male vocal – delay Lead <b>and/or</b> male vocal – reverb Sitar – reverb		
			Panning	Backing vocals – left <b>or</b> right Bass guitar – centre Drum kit – centre Electric guitar – left, centre <b>or</b> right Lead <b>and/or</b> male vocal – centre Organ – left Shaker – centre	Acoustic guitar – centre Backing vocals – left, centre <b>or</b> right Bass guitar – centre Drum kit – centre <b>or</b> right. Electric guitar – left <b>or</b> right Lead <b>and/or</b> male vocal – centre Organ – centre Sitar – centre Shaker – left Tambourine – left		
	(b)		Minor			1	Do not accept other answers here.

[END OF MARKING INSTRUCTIONS]