National
Qualifications
2022

2022 Music Technology

Higher

Finalised Marking Instructions

© Scottish Qualifications Authority 2022

These marking instructions have been prepared by examination teams for use by SQA appointed markers when marking external course assessments.

The information in this document may be reproduced in support of SQA qualifications only on a non-commercial basis. If it is reproduced, SQA must be clearly acknowledged as the source. If it is to be reproduced for any other purpose, written permission must be obtained from permissions@sqa.org.uk

General marking principles for Higher 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) 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.

(c) Where a question asks for a description, explanation or justification, do not award marks for simple one or two word answers.

(d) Accept inaccurate spelling of English or Italian terms, as long as the meaning is clear.

Marking instructions for each question

Question			Expected response	Max mark	Additional guidance
1.	(a)		New wave Gated reverb	**2**	**1 mark** for each. Do not accept other answers here.
	(b)		• distortion • electric guitar • use of keyboard or organ or synthesiser • simple chord structure • simple vocal melody • raw sounding or minimal processing.	**2**	**1 mark** for each correct answer. Also accept overdrive.
2.	(a)		World music • cross rhythms • Latin American influences or lyrics • use of (Latin American) percussion • use of acoustic guitar • use of brass instruments • use of syncopation • use of traditional or ethnic instruments.	**3**	**1 mark** for correct genre. **2 marks** for **two** reasons related to music features. Also accept lyrics in Spanish. Also accept individual Latin American percussion instruments (eg bongos, congas, maracas). Also accept nylon string guitar. Also accept trumpet(s).
	(b)		Irregular time signatures	**1**	Do not accept other answers here.
3.	(a)	(i)	Guitar is out of tune	**1**	Do not accept other answers here.
		(ii)	Tune guitar and re-record	**1**	Do not accept other answers here.
	(b)	(i)	Microphone placement is too distant **OR** Signal to noise ratio is poor.	**1**	Do not accept other answers here.
		(ii)	Move microphone closer to the source	**1**	Do not accept other answers here.
4.	(a)		Compressor setting 1 The threshold has been set low and the ratio is large or high.	**1**	The mark should only be awarded if option 1 has been identified and a valid justification has been given.
	(b)		Envelope filter	**1**	Accept wah-wah.

Question			Expected response	Max mark	Additional guidance
5.	(a)		Autotune Broken chord	**2**	**1 mark** for each.
	(b)		A matched or stereo pair of cardioid condensers in XY or ORTF or NOS. **OR** Stereo pair of omni-directional condensers in AB or spaced pair. Microphones should be placed between 1m and 5m from the source. A good balance of direct sound and room ambience. **OR** To ensure good stereo image.	**3**	**1 mark** for microphone array. Also accept figure of 8 ribbon microphones in Blumlein array. **1 mark** for placement. **1 mark** for justification.
	(c)		Pizzicato	**1**	Do not accept other answers here.
6.		1	Decay	**1**	Also accept sustain.
		2	Harmonics	**1**	Do not accept other answers here.
		3	Cut-off frequency	**1**	Do not accept other answers here.
		4	Autotune **and** panning	**2**	Also accept pitch correction. Also accept auto pan.
		5	Low-pass	**1**	Do not accept other answers here.
		6	Inverted pedal	**1**	Do not accept pedal on its own.
7.			The correct five features are: Flanger on overdriven electric guitar Double tracked lead vocal Backing vocals in harmony Auto panned synthesiser effect Distorted bass 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]