



National
Qualifications
2016

Music Technology

Higher

Finalised Marking Instructions

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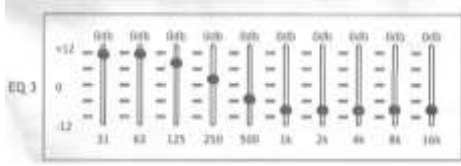
General marking principles for Higher Music Technology

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

Marking Instructions for each question

Question			Expected Answer(s)	Max Mark	Additional Guidance
1.			New Wave Harmonics	2	1 mark for each. No other answers accepted here.
2.	(a)		<p>Indie Music</p> <p>Possible musical reasons:</p> <ul style="list-style-type: none"> • Ostinato/Riff • (Lead and rhythm) electric guitars • Electric guitar is the main harmonic instrument • Driving rhythm section • Unpolished vocals <p>Possible technological reasons:</p> <ul style="list-style-type: none"> • Voice in the middle of the mix. • Lo fi recording. • Overdrive/distortion on the electric guitars. 	3	<p>1 mark for correct genre.</p> <p>1 mark for a reason related to a musical concept.</p> <p>Electric guitar on its own is acceptable.</p> <p>Also accept raw vocals and anything that infers this.</p> <p>1 mark for a reason related to a technological concept. Also accept experimental recording techniques.</p>
	(b)		Pitch bend	1	No other answers accepted here.
3.	(a)	(i)	<p>Fault:</p> <ul style="list-style-type: none"> • Microphone placement is too distant. • Signal to noise ratio is poor. 	1	One mark is awarded for identifying the fault.
		(ii)	<p>Solution:</p> <p>Move the microphone closer to the source</p>	1	One mark is awarded for identifying the solution.
	(b)	(i)	<p>Fault:</p> <ul style="list-style-type: none"> • The bass guitar loop has been copied and pasted incorrectly. 	1	<p>One mark is awarded for identifying the fault.</p> <p>Quantisation is not an acceptable answer.</p>
		(ii)	<p>Solution:</p> <ul style="list-style-type: none"> • Move bass guitar loop to correct position. 	1	<p>One mark is awarded for identifying the solution.</p> <p>Accept any answer which suggests moving the loop into place.</p>

Question		Expected Answer(s)	Max Mark	Additional Guidance
4.	(a)	<p>EQ 3 :</p>  <p>Bass frequencies are boosted. Mid and treble are cut.</p>	1	The mark should only be awarded if EQ3 has been identified and a valid justification has been given.
	(b)	Pitch shift	1	No other answers accepted here.
5.	(a)	20th/21st century classical Music Cluster	2	1 mark for each. No other answers accepted here.
	(b)	<p>A matched/stereo pair of cardioid condensers in XY/ORTF.</p> <p>OR</p> <p>Stereo pair of omni-directional condensers in AB/spaced pair.</p> <p>Microphones should be placed at a metre or more from the source ensuring good stereo image.</p> <p>A good balance of direct sound and room ambience.</p>	3	1 mark for microphones/ array. 1 mark for placement. 1 mark for justification.
	(c)	Irregular time signatures	1	Irregular on its own would be accepted. Also accept time changes No other answers accepted here.
6.		<ol style="list-style-type: none"> 1. Off 2. Reverb and delay 3. Harmoniser 4. Snare and phase 5. Frequency/Cut off frequency 	<p>1</p> <p>2</p> <p>1</p> <p>2</p> <p>1</p>	<p>1 mark for each correct feature</p> <p>4. Also accept flange.</p> <p>5. Also accept cut off</p> <p>No other answers accepted here.</p>

Question		Expected Answer(s)	Max Mark	Additional Guidance
7.		<p>The correct 5 features are:</p> <p>Sustained organ chords with tremolo</p> <p>Distorted guitar riffs panned left</p> <p>Lead vocals with phase effect</p> <p>Electric guitar and lead vocal in unison</p> <p>Ascending scales in octaves on the bass guitar and guitar</p>	5	No other answers accepted here.

[END OF MARKING INSTRUCTIONS]