



National
Qualifications
2017

2017 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) 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.
- (d) Accept inaccurate spelling of English or Italian terms, so long as the meaning is clear.
- (e) Where a question asks for a description, explanation or justification, marks should not be awarded for simple one or two word answers.

Marking instructions for each question

| Question | | | Expected answer(s) | Max mark | Additional guidance |
|----------|-----|------|---|------------|---|
| 1. | | | New wave Phaser | 2 | 1 mark for each. No others answers accepted here. |
| 2. | (a) | | Electroacoustic Music Use of pitch bend or pitch shift Use of fade in/out Use of Multi tracking Use of panning Use of loops Sounds created and/or processed by electronic means Use of reverb and time domain effects Tape manipulation | 1 2 | 1 mark for correct genre. 2 marks for 2 reasons related to technology concepts. 1 mark for each correct answer. Also accept synthesiser. |
| | (b) | | Time changes | 1 | No other answers accepted here. |
| 3. | (a) | (i) | Fault: the noise gate is set incorrectly | 1 | 1 mark for a description of the fault. |
| | | (ii) | Solution: adjust the threshold | 1 | 1 mark for a detailed description of the solution. Also accept adjust the attack time. |
| | (b) | (i) | Fault: recording has been converted at too low a sample frequency | 1 | 1 mark for a description of the fault. Also accept sample rate/bitrate. |
| | | (ii) | Solution: save/mix/render/download/ import/convert from the master file at a higher sample frequency | 1 | 1 mark for a detailed description of the solution. Also accept save/import at a higher sample rate/bitrate. |
| 4. | (a) | | Answer - EQ 2 Justification - high and high mid frequencies have been enhanced while the mid and low frequencies have been reduced | 1 | The mark should only be awarded if option 2 has been identified and a valid justification has been given. |
| | (b) | | Harmoniser or vocoder | 1 | Also accept vocal synthesiser. |

| Question | | Expected answer(s) | Max mark | Additional guidance |
|----------|-----|--|-----------------------------|---|
| 5 | (a) | Soul/R 'n' B Counter melody | 2 | 1 mark for each. No other answers accepted here. |
| | (b) | Two Cardioid condenser microphones or Two figure of 8 (bi-directional) microphones Close mic'd placement appropriate to the guitar and vocalist This should result in good sound separation between the two tracks | 1 1 1 | 1 mark for array. Also accept dynamic microphones. Accept stereo arrays on guitar. 1 mark for placement. Accept the following distances if specified in the answer. Guitar up to 30cm distance. Vocal up to 20cm. 1 mark for justification. For two figure of 8 (bi-directional) microphones also accept - this should result in good sound separation is due to an area of minimum pick up in the nulls. |
| | (c) | Accent | 1 | Also accept staccato (marks). |
| 6. | | Answers 1 - Gated reverberation (reverb) 2 - Chorus (bass guitar) & noise gate (bass drum) 3 - Multi-effects processor/pedal 4 - Bridge or link passage 5 - Homophonic 6 - Right | 7 | 1 mark for each correct answer. 1 - Also accept reverb. 2 - Also accept phaser or flanger (bass guitar). 3 - Also accept effects pedal (plural). 4 - Also accept pre chorus. |

| Question | | Expected answer(s) | Max Mark | Additional guidance |
|----------|--|---|----------|--|
| 7. | | <p>The correct 5 features are:</p> <p>The verse is played in 3/4 time with the chorus played in 4/4 time</p> <p>Vocals in chorus are homophonic</p> <p>Keyboard/organ panned left</p> <p>Guitar plays melody in unison with the vocal line</p> <p>Bass guitar plays broken chords</p> | 5 | <p>1 mark for each correct feature.</p> <p>No other answers accepted here.</p> |

[END OF MARKING INSTRUCTIONS]