



National  
Qualifications  
2024

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## **2024 Music Technology**

### **National 5**

## **Question Paper 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) |      | Swing                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        | 1        | Do not accept other answers here.                                                                                                  |
|          | (b) |      | 1940s                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        | 1        | Do not accept other answers here.                                                                                                  |
|          | (c) |      | Accept any two of the following: <ul style="list-style-type: none"><li>• big band</li><li>• improvisation</li><li>• instrumental breaks</li><li>• swing rhythm or swung quavers</li><li>• syncopation</li><li>• walking bass.</li></ul>                                                                                                                                                                                                                  |                        | 2        | 1 mark for each correct answer.<br>Award 1 mark only for named big band instruments or sections.<br>Also accept call and response. |
|          | (d) |      | Major                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        | 1        | Do not accept other answers here.                                                                                                  |
|          | (e) | (i)  | Electronica                                                                                                                                                                                                                                                                                                                                                                                                                                              |                        | 1        | Do not accept other answers here.                                                                                                  |
|          |     | (ii) | <ul style="list-style-type: none"><li>• drum machines</li><li>• loops</li><li>• samplers</li><li>• sequencers</li><li>• synthesisers.</li></ul>                                                                                                                                                                                                                                                                                                          |                        | 1        | Also accept virtual instruments (VI).<br>Also accept use of MIDI.<br>Also accept appropriate hardware.                             |
|          | (f) |      | Quantisation                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |          | Do not accept other answers here.                                                                                                  |
|          | (g) |      | COLUMN A<br>Country                                                                                                                                                                                                                                                                                                                                                                                                                                      | COLUMN B<br>Homophonic | 2        | Do not accept other answers here.                                                                                                  |
| 2.       | (a) |      | Hum                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        | 1        | Do not accept other answers here.                                                                                                  |
|          | (b) |      | Whole tone                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        | 1        | Do not accept other answers here.                                                                                                  |
|          | (c) |      | Delay                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        | 1        | Also accept echo.                                                                                                                  |
| 3.       | (a) |      | Hip hop                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        | 1        | Do not accept other answers here.                                                                                                  |
|          | (b) |      | Accept any two of the following: <ul style="list-style-type: none"><li>• bass heavy mixes</li><li>• beat matching</li><li>• double tracking or stressing certain words for emphasis</li><li>• drum machine</li><li>• drums heavy mixes</li><li>• electronic beats or drums</li><li>• repeated loops or drum loops or hooks</li><li>• use of record ‘decks’</li><li>• use of samplers</li><li>• use of synthesisers</li><li>• use of sequencer.</li></ul> |                        | 2        | 1 mark for each correct answer.<br><br>Also accept use of scratching.                                                              |
|          | (c) |      | Accept any two of the following: <ul style="list-style-type: none"><li>• compressor</li><li>• EQ</li><li>• gain</li><li>• noise gate.</li></ul>                                                                                                                                                                                                                                                                                                          |                        | 2        | 1 mark for each correct answer.<br>Also accept de-esser.                                                                           |

| Question        |                                                  |       | Expected response                                                                                                                                                                                                                                                                                                                               |                        | Max mark                                         | Additional guidance                                                                                                    |              |             |        |                |       |             |             |                 |         |   |                                   |
|-----------------|--------------------------------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------------|-------------|--------|----------------|-------|-------------|-------------|-----------------|---------|---|-----------------------------------|
|                 | (d)                                              |       | Synthesiser                                                                                                                                                                                                                                                                                                                                     |                        | 1                                                | Do not accept other answers here.                                                                                      |              |             |        |                |       |             |             |                 |         |   |                                   |
| 4.              | (a)                                              |       | COLUMN A<br><br>Minor                                                                                                                                                                                                                                                                                                                           | COLUMN B<br><br>3<br>4 | 2                                                | 1 mark for each correct answer.<br>Do not accept other answers here.                                                   |              |             |        |                |       |             |             |                 |         |   |                                   |
|                 | (b)                                              |       | A synthesiser plays arpeggios.<br>Snare drum with gated reverb.                                                                                                                                                                                                                                                                                 |                        | 2                                                | 1 mark for each correct answer.<br>Do not accept other answers here.                                                   |              |             |        |                |       |             |             |                 |         |   |                                   |
|                 | (c)                                              | (i)   | Dynamic                                                                                                                                                                                                                                                                                                                                         |                        | 1                                                | Do not accept other answers here.                                                                                      |              |             |        |                |       |             |             |                 |         |   |                                   |
|                 |                                                  | (ii)  | Cardioid                                                                                                                                                                                                                                                                                                                                        |                        | 1                                                | Also accept hyper-cardioid.                                                                                            |              |             |        |                |       |             |             |                 |         |   |                                   |
|                 |                                                  | (iii) | Placed up to 10cm (4 inches) above the Snare drum.<br><br>Placed up to 10cm (4 inches) at the rim of the Snare drum.                                                                                                                                                                                                                            |                        | 1                                                | Also accept anything that infers the top of the snare drum.<br><br>Also accept close mic the skin or rim of the snare. |              |             |        |                |       |             |             |                 |         |   |                                   |
|                 | (d)                                              |       | Scat singing                                                                                                                                                                                                                                                                                                                                    |                        | 1                                                | Do not accept other answers here                                                                                       |              |             |        |                |       |             |             |                 |         |   |                                   |
| 5.              |                                                  |       | <table><tr><th>Instrument</th><th>Control, effect or process applied to instrument</th></tr><tr><td>Drum kit</td><td>Gated Reverb</td></tr><tr><td>Bass guitar</td><td>Chorus</td></tr><tr><td>Electric piano</td><td>Delay</td></tr><tr><td>Synthesiser</td><td>Hall Reverb</td></tr><tr><td>Electric guitar</td><td>Wah-wah</td></tr></table> | Instrument             | Control, effect or process applied to instrument | Drum kit                                                                                                               | Gated Reverb | Bass guitar | Chorus | Electric piano | Delay | Synthesiser | Hall Reverb | Electric guitar | Wah-wah | 5 | Do not accept other answers here. |
| Instrument      | Control, effect or process applied to instrument |       |                                                                                                                                                                                                                                                                                                                                                 |                        |                                                  |                                                                                                                        |              |             |        |                |       |             |             |                 |         |   |                                   |
| Drum kit        | Gated Reverb                                     |       |                                                                                                                                                                                                                                                                                                                                                 |                        |                                                  |                                                                                                                        |              |             |        |                |       |             |             |                 |         |   |                                   |
| Bass guitar     | Chorus                                           |       |                                                                                                                                                                                                                                                                                                                                                 |                        |                                                  |                                                                                                                        |              |             |        |                |       |             |             |                 |         |   |                                   |
| Electric piano  | Delay                                            |       |                                                                                                                                                                                                                                                                                                                                                 |                        |                                                  |                                                                                                                        |              |             |        |                |       |             |             |                 |         |   |                                   |
| Synthesiser     | Hall Reverb                                      |       |                                                                                                                                                                                                                                                                                                                                                 |                        |                                                  |                                                                                                                        |              |             |        |                |       |             |             |                 |         |   |                                   |
| Electric guitar | Wah-wah                                          |       |                                                                                                                                                                                                                                                                                                                                                 |                        |                                                  |                                                                                                                        |              |             |        |                |       |             |             |                 |         |   |                                   |
| 6.              | (a)                                              |       | Tunez had not paid out all royalties for the music that had been streamed.                                                                                                                                                                                                                                                                      |                        | 1                                                | Also accept any answer relating to royalties, money not being paid in full to Smar-Tee.                                |              |             |        |                |       |             |             |                 |         |   |                                   |
|                 | (b)                                              |       | It is important so that artists can protect their own work and receive payment when their music is played.                                                                                                                                                                                                                                      |                        | 1                                                | Accept any response that infers protecting own work from copying for financial gain.                                   |              |             |        |                |       |             |             |                 |         |   |                                   |
|                 | (c)                                              |       | Paid royalties of all streams to the copyright owners.                                                                                                                                                                                                                                                                                          |                        | 1                                                | No other answers accepted here.                                                                                        |              |             |        |                |       |             |             |                 |         |   |                                   |

| Question |     |  | Expected response |                                                                                                                                                                                                                           |                                                                                                                                                                                                      | Max mark | Additional guidance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|-----|--|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7.       | (a) |  | Element           | Excerpt 1                                                                                                                                                                                                                 | Excerpt 2                                                                                                                                                                                            | 4        | <p>In order to gain a mark, candidates must reference one instrument or voice <b>and</b> 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>Excerpt 1</p> <p>Also accept drum kit – reverb.</p> <p>Also accept drum kit – centre.</p> <p>Excerpt 2</p> <p>Also accept pedal steel (or slide) guitar – reverb.</p> <p>Also accept pedal steel (or slide) guitar – right.</p> |
|          |     |  | Effects           | Hi-hat – reverb<br>Snare drum – reverb<br>Acoustic guitar – chorus<br>Electric guitar – reverb<br>Lead <b>and/or</b> male vocal – reverb<br>Backing vocals – reverb                                                       | Acoustic guitar – delay<br>Lead <b>and/or</b> male vocal – delay<br>Electric or lead guitar – reverb<br>Drum kit – reverb<br>Tambourine – reverb<br>Piano – reverb                                   |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|          |     |  | Panning           | Hi-hat – centre<br>Snare drum – centre<br>Acoustic guitar – centre <b>or</b> right<br>Electric guitar – right<br>Lead <b>and/or</b> male vocal – centre<br>Backing vocals – right<br>Bass guitar – centre<br>Piano – left | Acoustic guitar – right<br>Lead <b>and/or</b> male vocal – centre<br>Electric or lead guitar – right<br>Drum kit – left<br>Bass guitar – left<br>Tambourine – centre <b>or</b> left<br>Piano – right |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|          | (b) |  | Pitch bend        |                                                                                                                                                                                                                           |                                                                                                                                                                                                      | 1        | Do not accept other answers here.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

[END OF MARKING INSTRUCTIONS]