

Scales from Memory

For the examination, the candidate should be asked to perform all the following scales and arpeggios from memory. They should perform each scale and arpeggio with separate bows or slurred as requested by the teacher. The teacher should aim for an even distribution of articulations.

(See [MTB Cello Scale Bowing Patterns](#))

Metronome marks can be found on the next page. All tempi given are minimum speeds.

Scales

Db major	Three octaves
F major	Three octaves
C# melodic minor	Three octaves
F harmonic minor	Three octaves

Arpeggios

F major	Three octaves
C# minor	Three octaves

Bowing

Scales: Play each scale with long tonics. Separate and slurred two bows per octave.

Arpeggios: Separate even and slurred in threes.

(See [MTB Cello Scale bowing patterns](#))

Chromatic Scale

Starting on 'D' Three octaves
Bowing: Separate and slurred four notes to a bow

Dominant 7th in F

In F major Three octaves
Bowing: Separate and slurred four notes to a bow

Diminished 7th

Starting on open 'C' Three octaves
Bowing: Separate and slurred four notes to a bow

Double Stopping

G major scale in 6ths One octave
Tetrachord in octaves on E (see [MTB Scale Examples Grades 6-8](#))

Option 1 - Scales & Arpeggios from Memory

For the examination, the candidate should be asked to perform all the following scales and arpeggios from memory. They should perform each scale and arpeggio with separate bows or slurred as requested by the teacher. The teacher should aim for an even distribution of articulations. All tempi given are minimum speeds.

(See [MTB Cello Scale Bowing Patterns](#))

$\text{♩} = 80$

F major scale - 3 octaves



Db major scale - 3 octaves



C# melodic minor scale - 3 octaves



F harmonic minor scale - 3 octaves



♩ = 92

D chromatic scale - 3 octaves

Musical notation for a D chromatic scale spanning three octaves. The scale is written in bass clef, starting on D2 and ending on D5. It consists of 24 notes: D, E, F, G, A, B, C, D, E, F, G, A, B, C, D, E, F, G, A, B, C, D, E, F, G, A, B, C, D. The notes are grouped into four sets of six, each set representing an octave.

Bowing: separate and slurred 4 notes to a bow

Continuation of the D chromatic scale from the previous block, showing the final notes of the scale and a final whole note D5.

♩ = 68

Dominant 7th in F - 3 octaves

Musical notation for a dominant 7th scale in F major, spanning three octaves. The scale is written in bass clef, starting on F2 and ending on F5. It consists of 24 notes: F, G, A, Bb, C, D, E, F, G, A, Bb, C, D, E, F, G, A, Bb, C, D, E, F, G, A, Bb, C, D, E, F. The notes are grouped into four sets of six, each set representing an octave.

Bowing: separate and slurred 4 notes to a bow

Diminished 7th on C - 3 octaves

Musical notation for a diminished 7th scale on C, spanning three octaves. The scale is written in bass clef, starting on C2 and ending on C5. It consists of 24 notes: C, Bb, Ab, G, F, E, D, C, Bb, Ab, G, F, E, D, C, Bb, Ab, G, F, E, D, C, Bb, Ab, G, F, E, D. The notes are grouped into four sets of six, each set representing an octave.

Bowing: separate and slurred 4 notes to a bow

♩ = 84

Double stopping - G major in 6ths

Musical notation for double stopping in G major, spanning three octaves. The scale is written in bass clef, starting on G2 and ending on G5. It consists of 24 notes: G, A, B, C, D, E, F#, G, A, B, C, D, E, F#, G, A, B, C, D, E, F#, G, A, B, C, D, E, F#, G. The notes are grouped into four sets of six, each set representing an octave.

Continuation of the double stopping in G major from the previous block, showing the final notes of the scale.

Double stopping - tetrachord E major in octaves

Musical notation for double stopping in E major, spanning three octaves. The scale is written in bass clef, starting on E2 and ending on E5. It consists of 24 notes: E, F#, G#, A, B, C, D, E, F#, G#, A, B, C, D, E, F#, G#, A, B, C, D, E, F#, G#, A, B, C, D, E. The notes are grouped into four sets of six, each set representing an octave.

♩ = 37

F major arpeggio - 3 octaves

Musical notation for an F major arpeggio, spanning three octaves. The scale is written in bass clef, starting on F2 and ending on F5. It consists of 24 notes: F, A, C, F, A, C, F, A, C, F, A, C, F, A, C, F, A, C, F, A, C, F, A, C, F, A, C, F, A, C, F. The notes are grouped into four sets of six, each set representing an octave.

C# minor arpeggio - 3 octaves

Musical notation for a C# minor arpeggio, spanning three octaves. The scale is written in bass clef, starting on C#2 and ending on C#5. It consists of 24 notes: C#, E, G, C#, E, G, C#, E, G, C#, E, G, C#, E, G, C#, E, G, C#, E, G, C#, E, G, C#, E, G, C#, E, G, C#. The notes are grouped into four sets of six, each set representing an octave.