I KEYS AND SCALES

a) Given the key, write the correct key signature

\[ \text{C major, D minor, F# major, G minor, A major, B minor, E major, F# major, G minor, A major, C# minor, Gb major} \]

b) Given the key signature and major (M) or minor (m) quality, name the correct key.

\[ \text{C major, D minor, F# major, G minor, A major, B minor, E major, F# major, G minor, A major, C# minor, Gb major} \]

c) Notate the required scales, ascending and descending, in whole notes. Do not use key signatures, but apply accidentals as necessary.

E\# melodic minor

\[ \text{E\# melodic minor} \]

C\# harmonic minor

\[ \text{C\# harmonic minor} \]

A major

\[ \text{A major} \]

D melodic minor

\[ \text{D melodic minor} \]
II INTERVALS AND INVERSION

a) Identify the interval between each successive pair of notes.
(P = perfect, M = major, m = minor, aug = augmented, dim = diminished)

b) Write a note above the given note so that together they form the required interval.

c) Name each interval given, then notate and name its inversion. An example is given.

Example:
III TRIADS AND SEVENTH CHORDS

Triads: major = M, minor = m, augmented = aug, diminished = dim
Seventh chords: major 7\textsuperscript{th} = M7, minor 7\textsuperscript{th} = m7, dominant 7\textsuperscript{th} = dom 7, half-diminished 7\textsuperscript{th} = ±7, diminished 7\textsuperscript{th} = dim 7

a) Notate, on the given roots, a triad or 7\textsuperscript{th} chord of the quality indicated. All chords should be in root position.

\[ \begin{array}{cccc}
\text{M triad} & \text{dom 7} & \text{aug triad} & \text{dim triad} & \text{m triad} \\
\text{M 7th} & \text{dom 7} & \text{dim 7} & \pm 7 & \text{M triad} \\
\end{array} \]

b) Identify the root and type (M, m, aug, dim, M7, m7, dom7, ±7, dim 7) for each of the triads and 7\textsuperscript{th} chords given below. An example is given.

Example:

\[ \text{G dom7} \]

\[ \begin{array}{cccc}
\text{---} & \text{---} & \text{---} & \text{---} \\
\text{---} & \text{---} & \text{---} & \text{---} \\
\text{---} & \text{---} & \text{---} & \text{---} \\
\text{---} & \text{---} & \text{---} & \text{---} \\
\end{array} \]
c) The chord quality and one chord-tone are identified in the following 7th chords. Construct the complete chord. An example is given.

Example:

```
3rd of
dom7
```

```
3rd of
dim7 5th of
dom7  root of
dim7 5th of
±7     3rd of
M7
```

```
5th of
m7   3rd of
±7    7th of
dim7   root of
dom7   5th of
min7
```

**IV RHYTHM AND NOTATION**

a) Provide the correct time signature for the following examples.

1. Time signature: __________

```
\[\text{Music notation image}\]
```

2. Time signature: __________

```
\[\text{Music notation image}\]
```
3. Time signature: __________

4. Time signature: __________

b) Each of the following examples has the correct number of beats, but contains errors in rhythmic notation and beaming. In the space provided, rewrite the given rhythms correctly.
V. TRANSPOSITION

a) Transpose each of the following two-bar segments as indicated.

1. Transpose up a minor third

2. Transpose down a perfect fourth

3. Transpose down a major sixth