York University - Entrance Theory Assessment

The purpose of this quiz is to assess your knowledge in basic music theory. Answer as many of the questions as you can, and skip any that you cannot do.

1. a. Name the following intervals.

\[ \begin{array}{c}
\text{\#5} \\
\text{\#2} \\
\text{\#10} \\
\text{\#4} \\
\text{\#3} \\
\end{array} \]

b. Invert the above intervals, and name the inversions.

\[ \begin{array}{c}
\text{\#5} \\
\text{\#2} \\
\text{\#10} \\
\text{\#4} \\
\text{\#3} \\
\end{array} \]

2. a. Write the following scales in the indicated clefs, ascending and descending, using the correct key signature for each. Use whole notes.

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

\[ \text{Ab major} \]

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

b. Write the following modes in whole notes, ascending and descending. Use accidentals or key signatures.

\[ \text{Phrygian mode starting on F#} \]

\[ \text{Mixolydian mode starting on Bb} \]
3. Write the following chords in the treble clef, using the correct key signature and any necessary accidentals:
   a. the dominant seventh of B major in second inversion
   b. the diminished seventh of F minor in root position
   c. the dominant seventh of Eb minor in first inversion

4. For each of the following chords, identify:
   a. the root
   b. the quality, chosen from the following list:
      major triad, minor triad, diminished triad, augmented triad,
      major seventh, minor seventh, dominant seventh, diminished seventh, half-diminished seventh

5. Write the following chords in root position, close voicing.
6. For each of the following excerpts:
   a. Name the key
   b. Add the correct time signature directly on the music underneath the bracket

   Key: ____

   Key: ____

   Key: ____

7. Name the key of the following melody. Transpose it up a minor sixth, using the correct key signature.

   Name the new key.

   Key: ____

   Key: ____
8. For each of the following cadences, name:
   a. the key
   b. the type (perfect, imperfect, plagal, deceptive)

   a. ___________
   b. ___________

   a. ___________
   b. ___________