## Music 101 - Music Fundamentals - Mid Term Exam

May 1, 2008
131 possible points
NAME: $\qquad$

1. Ear Training
a) Rhythm (4 points)

b) Tetrachords (2.5 points)

One each: WWH, WHW, HWW, WWW, H 3H H
1.
2.
3.
4.
5.
c) Scales ( 2.5 points)

One each: Major, Natural Minor, Harmonic Minor, Melodic Minor
1.
2.
3.
4.
2. Note Names. (10 points)

Name these notes by their letter name.

3. Enharmonic Notes. (9 points)

Give three names for each of the three notes shaded in gray.

4. Diatonic Whole Steps. (8 points)

Name two notes that form a diatonic whole step between these combinations of black and white keys. There are multiple answers, only list one.
a) Names: 1 $\qquad$ 2 $\qquad$ 3 $\qquad$ 4 $\qquad$
Black to White
Black to Black
b) Notate your whole step answers on the staff below.

5. Diatonic Half Steps (8 points)

Name two notes that form a diatonic half step between these combinations of black and white keys. There are multiple answers, only list one.
a) Names: $\qquad$ 2 $\qquad$
$\qquad$ 4 $\qquad$
Another White to White
b) Label your half step answers on the keyboard below.


## 6. Note Math (8 points)

How many notes, or fractions of a note, on the right equal the note on the left?

One $\delta=$

$$
\text { One } \$=
$$

One \%. = $\qquad$ 4

$$
\text { One }-=
$$

One
3. = $\qquad$ 4
7. Bar Lines (6 points )

Insert bar lines.

8. Rhythm, Meter, and Tempo (12 points)

Explain these terms as they relate to performing music.
a) beat or pulse
b) beat unit
c) meter
d) rhythm
e) tempo
f) M.M. $d=72$

## 9. Time Signatures (15 points)

For each of the following time signatures list:
a) simple or compound meter
b) the number of beats per measure
c) the note value of the beat unit

a) Simple or

Compound (S or C)
b) Number of Beats per Measure
c) Beat Unit

$\qquad$

## 10. Tetrachords (12 points)

Four tetrachords are shown. For each tetrachord:
a) Identify the pattern of whole steps and half steps: (WWH, WHW etc)
b) Name one scale where this tetrachord appears. Be specific. Use the letter name of the scale followed by major, natural minor, harmonic minor, or melodic minor.
c) Circle whether it is the lower or upper tetrachord of the scale you identified in b).

a) Pattern:
a) Pattern:
b) In scale:
b) In scale:
c) Lower / Upper tetrachord in scale.
c) Lower / Upper tetrachord in scale.

a) Pattern:
a) Pattern:
b) In scale:
b) In scale:
c) Lower / Upper tetrachord in scale.
c) Lower / Upper tetrachord in scale.
11. Scales (8 points)

Notate the following scales.

12. Scales (4 points)

Write the scale of Eb major.


## 13. Numerical Representation of Scales (7 points)

The numbers 12345678 are used to describe the notes of the major scale. This melody uses notes from the F major scale. Write the correct scale numbers 1-7 above each note of the melody.


## 14. Numerical Representation of Scales (7 points)

The minor blues scale can be described as $1{ }^{b} 34 \# 45^{b} 78$ when compared to the major scale. Write the notes of the minor blues scale starting on G .


