

**Name:** \_\_\_\_\_

# RIM 1230, Final Exam (Written)

**Part 1:** For the given rhythm, write the metric location ABOVE each new sounding note. In other words, write the rhythm syllables you would say if you performed the rhythm.



**Part 2:** Answer the following questions about keys and key signatures.

What is the relative major  
of C minor? \_\_\_\_\_

What is the relative minor  
of A major? \_\_\_\_\_

What minor key has  
4 flats? \_\_\_\_\_

What major key has  
5 sharps? \_\_\_\_\_

Write out the E major scale: \_\_\_\_\_

Write out the G minor scale: \_\_\_\_\_

Write out the D major scale: \_\_\_\_\_

Write out the B $\flat$  minor scale: \_\_\_\_\_

**Part 3:** Given scale degree 1, identify the note of the given scale degree.  
For example, if C is  $\hat{1}$ , then  $\flat 2$  is the note D $\flat$ .

If D is  $\hat{1}$ , what note is  $\flat\hat{7}$ ?

If E♭ is 1̂, what note is #4̂?

If A is  $\hat{1}$ , what note is  $\sharp\hat{5}$ ?

If  $B\flat$  is  $\hat{1}$ , what note is  $\flat\hat{3}$ ?

If  $G\flat$  is  $\hat{1}$ , what note is  $\flat\hat{5}$ ?

If D $\flat$  is  $\hat{1}$ , what note is  $\sharp 2$ ?

If B is  $\hat{1}$ , what note is  $b\hat{6}$ ?

If F# is  $\hat{1}$ , what note is  $\#5$ ?

**Part 4:** For each chord below, list the notes (in order) that would be the root, third, fifth, and seventh of each.

Abmaj7 \_\_\_\_\_

F#m7 \_\_\_\_\_

D $\flat$ 7 \_\_\_\_\_

Bbm7 \_\_\_\_\_

B7 \_\_\_\_\_

Gm7 \_\_\_\_\_

Emaj7 \_\_\_\_\_

C#7 \_\_\_\_\_

Name: \_\_\_\_\_

**Part 5:** Identify the note requested, given the interval and starting note. For example, a Minor 2nd above E would be F.

Minor 3rd above C#: _____	Perfect 5th above B: _____	Perfect 4th above F: _____
Major 6th above Eb: _____	Minor 7th above Db: _____	Minor 6th above A: _____
Diminished 5th above D: _____	Major 3rd above G#: _____	Major 7th above E: _____

**Part 6:** Given a Nashville number and scale degree 1, list the names of the notes of the chord (i.e., root, third, and fifth). If C =  $\hat{1}$ , for example, the 2m chord is D, F, A.

If A is $\hat{1}$ , spell the 3m chord: _____	If F is $\hat{1}$ , spell the 2m chord: _____
If G $\flat$ is $\hat{1}$ , spell the 5 chord: _____	If B is $\hat{1}$ , spell the 3m chord: _____
If E is $\hat{1}$ , spell the 2m chord: _____	If F is $\hat{1}$ , spell the 4 chord: _____
If D $\flat$ is $\hat{1}$ , spell the 4 chord: _____	If G is $\hat{1}$ , spell the 6m chord: _____

**Part 7:** Write a **SMOOTH** keyboard voice-leading of the progression below, with  $\hat{1}$  = E, starting from the given voicing of the first chord. Use a complete triad in the right-hand part for each chord.

Chord	Left Hand	Right Hand
1	E	G# B E
4		
2-		
5		
3-		
6-		
4		
5		
1		