

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

# RIM 1230, Final Exam (Written)

**Part 1:** For the rhythm below, 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 F minor? \_\_\_\_\_

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

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

What major key has 6 sharps? \_\_\_\_\_

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

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

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

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

**Part 3:** Given scale degree 1, identify the scale degree of other note.

If G is  $\hat{1}$ , what scale degree is the note F? \_\_\_\_\_

If F is  $\hat{1}$ , what scale degree is the note B? \_\_\_\_\_

If B is  $\hat{1}$ , what scale degree is the note C? \_\_\_\_\_

If D is  $\hat{1}$ , what scale degree is the note F? \_\_\_\_\_

If B♭ is  $\hat{1}$ , what scale degree is the note E? \_\_\_\_\_

If E is  $\hat{1}$ , what scale degree is the note C? \_\_\_\_\_

If D♭ is  $\hat{1}$ , what scale degree is the note A? \_\_\_\_\_

If A is  $\hat{1}$ , what scale degree is the note G? \_\_\_\_\_

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

B7 \_\_\_\_\_

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

B $\flat$  $\Delta$ 7 \_\_\_\_\_

Eb-7 \_\_\_\_\_

AΔ7 \_\_\_\_\_

F#-7 \_\_\_\_\_

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

G7 \_\_\_\_\_

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

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

a Minor 3rd above G $\sharp$ : _____	a Perfect 5th above E $\sharp$ : _____	a Perfect 4th above F: _____
a Major 6th above D $\flat$ : _____	a Minor 7th above G $\flat$ : _____	a Minor 6th above E: _____
a Diminished 5th above F: _____	a Major 3rd above C $\sharp$ : _____	a Major 7th above B: _____

**Part 6:** Given a Nashville number and scale degree 1, identify the notes of the chord (root, third, and fifth). If C = 1, for example, the 2m chord is D, F, A.

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

**Part 7:** Write a **SMOOTH** keyboard voice-leading of the progression below, taking 1 = E. The voicing of the starting chord has been given.

Chord	Left Hand	Right Hand
1	E	G $\sharp$ B E
4		
6-		
3-		
5		
2-		
4		
1		