**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.

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

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| What is the relative major  of F minor? | \_\_\_\_\_\_\_\_\_ |  | Write out the  G minor scale: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |  |  |  |
| What is the relative minor of E major? | \_\_\_\_\_\_\_\_\_ |  | Write out the  A major scale: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |  |  |  |
| What minor key has  5 flats? | \_\_\_\_\_\_\_\_\_ |  | Write out the  B minor scale: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |  |  |  |
| What major key has 6 sharps? | \_\_\_\_\_\_\_\_\_ |  | Write out the  Eb major scale: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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

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| If G is , what scale degree is  the note F? | \_\_\_\_\_\_ |  | If Bb is , what scale degree is  the note E? | \_\_\_\_\_\_ |
|  |  |  |  |  |
| If F is , what scale degree is  the note B? | \_\_\_\_\_\_ |  | If E is , what scale degree is  the note C? | \_\_\_\_\_\_ |
|  |  |  |  |  |
| If B is , what scale degree is  the note C? | \_\_\_\_\_\_ |  | If Db is , what scale degree is  the note A? | \_\_\_\_\_\_ |
|  |  |  |  |  |
| If D is , what scale degree is  the note F? | \_\_\_\_\_\_ |  | If A is , 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.

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| B7 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | A^7 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |  |  |  |
| C#–7 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | F#–7 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |  |  |  |
| Bb^7 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | Db7 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |  |  |  |
| Eb–7 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | G7 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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

|  |  |  |  |  |  |  |  |
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| a Minor 3rd  above G#: | \_\_\_\_\_\_\_ |  | a Perfect 5th  above E#: | \_\_\_\_\_\_\_ |  | a Perfect 4th  above F: | \_\_\_\_\_\_\_ |
|  |  |  |  |  |  |  |  |
| a Major 6th  above Db: | \_\_\_\_\_\_\_ |  | a Minor 7th  above Gb: | \_\_\_\_\_\_\_ |  | a Minor 6th  above E: | \_\_\_\_\_\_\_ |
|  |  |  |  |  |  |  |  |
| a Diminished 5th  above F: | \_\_\_\_\_\_\_ |  | a Major 3rd  above C#: | \_\_\_\_\_\_\_ |  | 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.

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| If G is , spell the 3m chord: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | If Ab is , spell the 6m chord: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |  |  |  |
| If Bb is , spell the 4 chord: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | If Db is , spell the 3m chord: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |  |  |  |
| If F# is , spell the 2m chord: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | If Gb is , spell the  4 chord: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |  |  |  |
| If A is , spell the  5 chord: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | If B is , 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.

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