**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? | \_\_\_\_\_\_\_\_\_ |  | Write out the  E major scale: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |  |  |  |
| What is the relative minor of A major? | \_\_\_\_\_\_\_\_\_ |  | Write out the  G minor scale: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |  |  |  |
| What minor key has  4 flats? | \_\_\_\_\_\_\_\_\_ |  | Write out the  D major scale: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |  |  |  |
| What major key has  5 sharps? | \_\_\_\_\_\_\_\_\_ |  | Write out the  Bb minor scale: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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

For example, if C is , then b is the note Db.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| If D is , what note is b? | \_\_\_\_\_\_ |  | If Gb is , what note is b? | \_\_\_\_\_\_ |
|  |  |  |  |  |
| If Eb is , what note is #? | \_\_\_\_\_\_ |  | If Db is , what note is #? | \_\_\_\_\_\_ |
|  |  |  |  |  |
| If A is , what note is #? | \_\_\_\_\_\_ |  | If B is , what note is b? | \_\_\_\_\_\_ |
|  |  |  |  |  |
| If Bb is , what note is b? | \_\_\_\_\_\_ |  | If F# is , what note is #? | \_\_\_\_\_\_ |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Abmaj7 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | B7 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |  |  |  |
| F#m7 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | Gm7 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |  |  |  |
| Db7 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | Emaj7 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |  |  |  |
| Bbm7 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | C#7 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**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 = , for example, the 2m chord is D, F, A.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| If A is , spell the 3m chord: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | If F is , spell the 2m chord: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |  |  |  |
| If Gb is , spell the 5 chord: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | If B is , spell the 3m chord: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |  |  |  |
| If E is , spell the 2m chord: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | If F is , spell the  4 chord: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |  |  |  |
| If Db is , spell the 4 chord: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | If G is , spell the 6m chord: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Part 7:** Write a ***SMOOTH*** keyboard voice-leading of the progression below, with = 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 |  |  |