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- This test can only be passed with a score of $90 \%$ or better. $(135 / 150)$
- Successful passage is required for entry into the Theory program at Minot State, beginning in each Spring semester. This pre-requisite applies to all music majors, minors, concentrations, participants, and those taking it as an elective.
- The test will be given during week two, again in October, and as the Final Exam.


## I. Manuscript: Terms and Symbols (1 point each)

quarter rest
quarter note
half rest
whole note
eighth rest
thirty-second note
dotted eighth note
half note

Draw the four standard clefs, name them, and place a notehead on Middle C


1. Name the lines used to extend the staff up or down.
2. On which side of the stem do flags always appear?
3. What is the name for the lines which group smaller note values together into a beat? (For example, four sixteenths beamed together.)
4. Which line does a half-rest touch? $\qquad$ a whole? $\qquad$

## II. Intervals (1 point each)

Notate or identify the following
(Treble Clef)


## III. Key Signatures and Scales (1 pt each)

1. Identify the following pairs of keys: Major, minor.

4 b: $\qquad$ , $\qquad$ 6 b: $\qquad$ , $\qquad$ 2 b : $\qquad$ , $\qquad$ 1 \#: $\qquad$ -

7 \#: $\qquad$ , 4 \#: $\qquad$ ,

7 b: $\qquad$ 3 b : $\qquad$ ,
2. What is the name for major/minor keys with the same signature? $\qquad$
3. What is the name for major/minor keys from the same pitch? $\qquad$
4. What is the order of sharps? $\qquad$ flats? $\qquad$
5. Write the key signature \& a one 8 ve scale; add any necessary accidentals (2 points each)

D major, ascending c minor, descending $\mathrm{g} \#$ har minor, desc. (Treble Clef)
$\qquad$
$\mathrm{f} \#$ melodic minor, asc.
melodic minor, descending

## (Bass Clef)

$\square$
6. Give the name for each of the following scale degrees. (4 would be sub-dominant, for example)

1 $\qquad$ 5 $\qquad$
6 $\qquad$ 2 $\qquad$
7 (as found in major) $\qquad$

## IV. Triads and 7th Chords

Write the following chords in root position (1 pt each)
d min
C7
Eb maj
$\mathrm{g} \min 7$
f\# min
Db maj
(Treble Clef)

|  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |

## MSU Theory Foundations Exam

B7
f $\min 7$
F maj7
c\# min
g\# dim
$\mathrm{A}+$ (aug)
(Bass Clef)


1. What is the figure used to indicate a triad in first inversion?
2. What is the figure used to indicate a 7 th chord in third inversion?
3. What is the root of a chord whose bass is $C$ and figure is $6 / 4$ ?
4. What is the root of a chord whose bass is F and figure is $4 / 3$ ?
5. What bass pitch should be played for a G7/D chord?

## V. Meter and Metric Transposition

1. How many quarter notes $=$ a dotted half note? $\qquad$
2. How many eighth notes $=$ a whole note? $\qquad$
3. How many 64 th notes $=$ a 16 th note ? $\qquad$
4. How many flags are on a 64th note?
5. What kind of meter divides beats into two equal parts? $\qquad$
6. What kind of meter divides beats into three equal parts? $\qquad$
7. For the following meters, name the unit-of-the-beat and two relative meters.

Given Unit-of-the-beat (1 pt) Relative meters (1 pt)
3
4

6
8

## MSU Theory Foundations Exam

Copy the given rhythm in the following meters (4 pts each)


## VI. Analysis

Give the Roman numeral symbol for each root-position triad found in the following scales (1 pt. each)
Major: $\qquad$ , $\qquad$ , $\qquad$ , $\qquad$ , $\qquad$ , $\qquad$ , \& $\qquad$
Harmonic minor: $\qquad$ , $\qquad$ , $\qquad$ , $\qquad$ , $\qquad$ , $\qquad$ , \& $\qquad$

1. A standard Authentic cadence uses which two chords? $\qquad$
2. A cadence which moves from dominant to anything other than tonic is called a cadence.
3. The "amen" cadence, or subdominant to tonic, is called a $\qquad$ cadence.

Analyze the given chorale, indicating chord quality, inversion, and cadence type (8 pts)

$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

## VII. Figured Bass

Complete the following treble part in keyboard style, from the given bass line and figures. Use the smoothest possible voice-leading in the right hand, in close position, and form a complementary shape to the bass line where possible. ( 10 pts .)


## VIII. SATB part-writing

Complete the following cadences in SATB style, following strict guidelines for voice-leading and range. Identify the type of cadence above the given bracket. (5 pts. each)


