

MUSIC 201

Assignment 5

Name: _____

Due October 16

1. What physical characteristics of sound determine the perception of timbre ?

10 points

2. What does ADSR stand for ?

- draw an ADSR envelope

10 points

3. What is a spectral envelope?

5 points

4. Define *klangfarbenmelodie* and give an example of work mentioned in class or that you are familiar with.

5 points

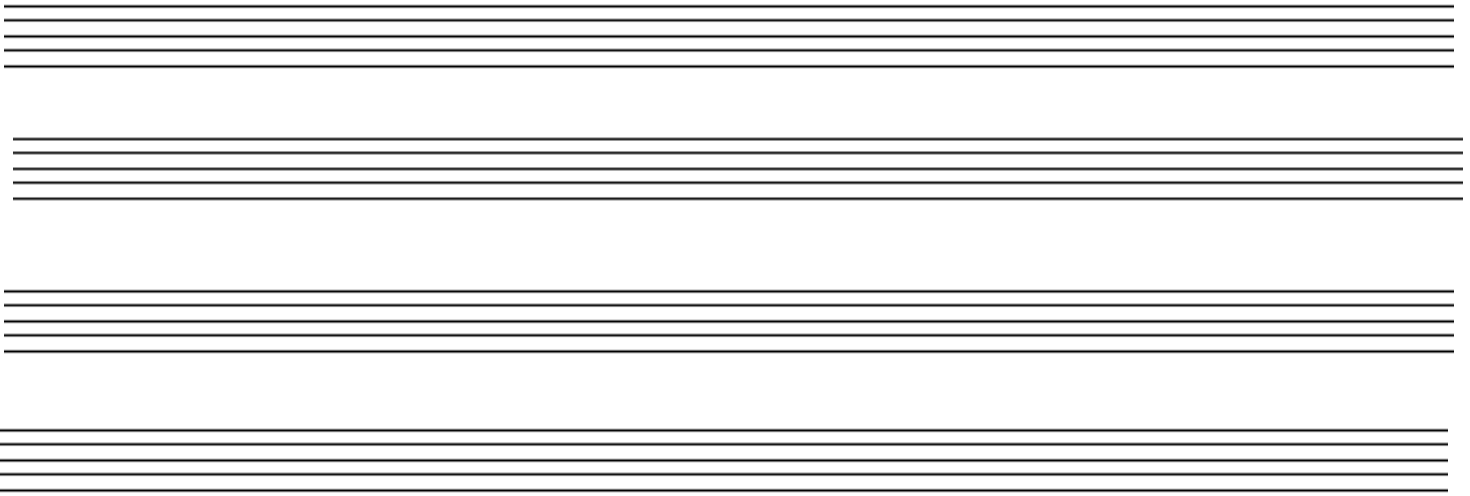
5. Define *sprechgesang* and give an example of work mentioned in class or that you are familiar with.

5 points

6. Write a *nonretrogradable* rhythm of 3 bars in 4/4 which includes sixteenth notes, eighth notes, quarter notes and half notes

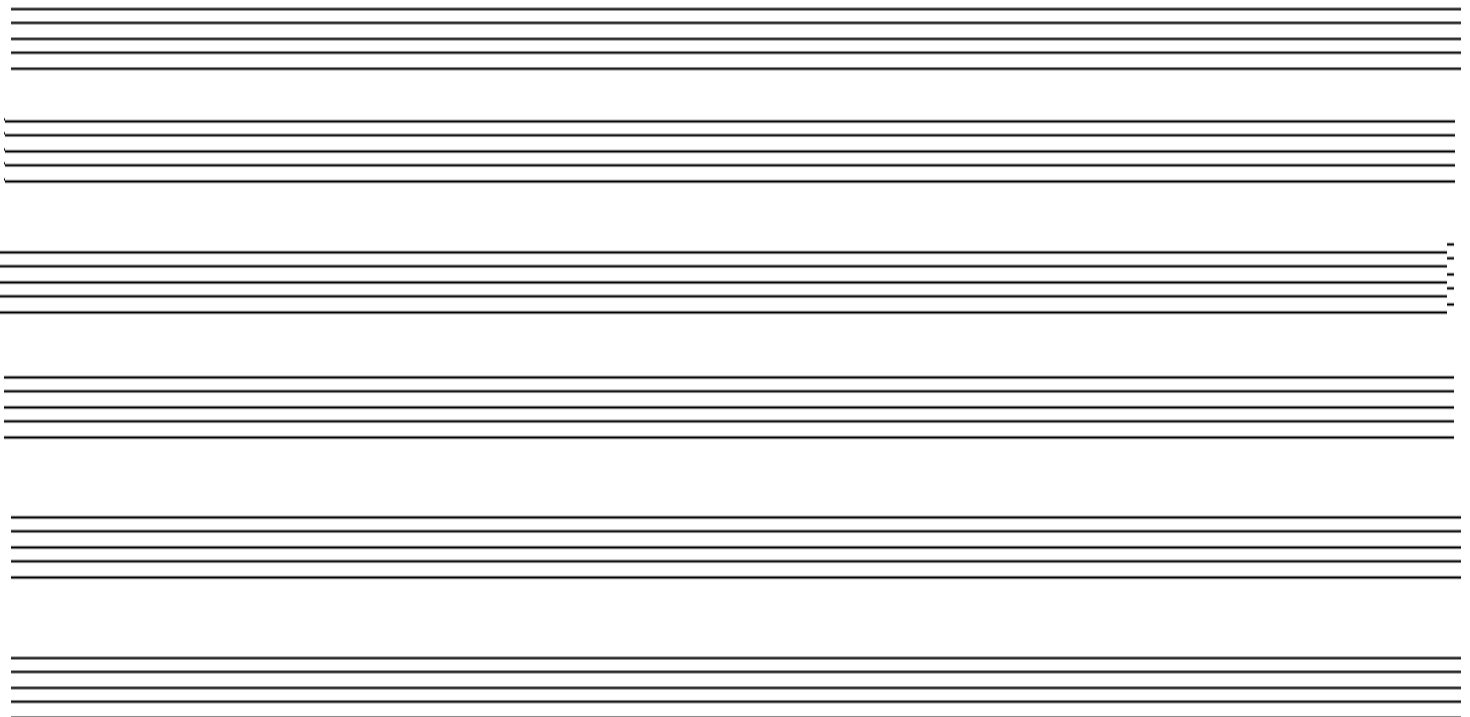
15 points

7. Build a mode with limited transposition based on a partition of the octave in 3 equal segments which can be transposed only 4 times. Show all possible transpositions and mark the number of semitones between adjacent sounds for each transposition



20 points

8. Build a mode with limited transposition based on a partition of the octave in 2 equal segments which can be transposed only 6 times and show all possible transpositions and mark the number of semitones between adjacent sounds for each transposition



30 points