

MUS 470 Quiz 2 Answer Sheet

Fall 2021

Quiz ID: LRP

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

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## MUS 470

## Quiz 2

Fall 2021

1. The two primary plugin duties are:
  - i) GUI implementation
  - ii) COM programming
  - iii) audio signal processing
  - iv) parameter smoothing

a) i and iii                  b) i and ii                  c) ii and iii                  d) i and iv                  e) iii and iv
  
2. In VST3 programming, which of the following features are optional:
  - i) GUID
  - ii) Side Chain Input
  - iii) plugin parameters passed as values in  $[0, 1]$
  - iv) Custom GUI

a) i and iii                  b) i and ii                  c) ii and iv                  d) i and iv                  e) iii and iv
  
3. Which of the following will NOT happen during a VST3 *process()* function call, when processing audio data for input buffers in order to produce output buffers:
  - i) parameter variables are not updated to match GUI parameters
  - ii) parameter variables are changed during function call
  - iii) parameter changes follow pattern predicted by host and transmitted to plugin at the start of call

a) none of the above                  b) i) only                  c) i) and iii) only                  d) ii) only                  e) iii) only
  
4. Which of the following are NOT part of a VST3 plugin project?
  - i) the plugin validator code
  - ii) the plugin GUI
  - iii) channel I/O configuration

a) i) only                  b) i) and iii) only                  c) ii) only                  d) none of the above                  e) iii) only
  
5. The VST3 programming API does NOT supply which of the following
  - i) a paramter base class
  - ii) a default GUI creation tool
  - iii) 64-bit audio data support

a) i) only                  b) i) and iii) only                  c) ii) only                  d) none of the above                  e) iii) only