

MUS 470 Quiz 2 Answer Sheet

Fall 2021

Quiz ID: JST

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

1.
2.
3.
4.
5.

Submit electronic answers at

<http://azrael.digipen.edu/cgi-bin/MUS470quiz.pl>

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