ITMD 413/513 (chap. 13- Gui Programming) – **solutions**

1. What are the items that appear on the graphical interface window called?

|  |  |
| --- | --- |
| a. | Buttons |
| b. | Icons |
| c. | Widgets |
| d. | Graphical elements |

ANS: C

2. What types of programs are event-driven?

|  |  |
| --- | --- |
| a. | GUI programs |
| b. | Command line programs |
| c. | Procedural programs |
| d. | Modular programs |

ANS: A

3. Which widget allows the user to select a value by moving a slider along a track?

|  |  |  |
| --- | --- | --- |
| a. | Entry |  |
| b. | Scale |  |
| c. | Scrollbar |  |
| d. | Slider |  |

ANS: B

4. The Toplevel widget is a container, like a(n) \_\_\_\_\_, but displays in its own window.

|  |  |
| --- | --- |
| a. | Label |
| b. | Frame |
| c. | Canvas |
| d. | Message |

ANS: B

5. Which widget will display multiple lines of text?

|  |  |
| --- | --- |
| a. | Label |
| b. | Canvas |
| c. | Message |
| d. | Text |

ANS: C

6. Which widget will create an area that displays one line of text or an image?

|  |  |
| --- | --- |
| a. | Label |
| b. | Frame |
| c. | Canvas |
| d. | Message |

ANS: A

7. Which widget will create a rectangular area that can be used to display graphics?

|  |  |  |
| --- | --- | --- |
| a. | Label |  |
| b. | Frame |  |
| c. | Canvas |  |
| d. | Message |  |

ANS: C

8. In Python, what module is used to create a GUI program?

|  |  |  |
| --- | --- | --- |
| a. | tkinter |  |
| b. | Pgui |  |
| c. | gint |  |
| d. | pygui |  |

ANS: A

9. In which environment can a user determine the order in which things happen?

|  |  |
| --- | --- |
| a. | Command line |
| b. | GUI |
| c. | ALU |
| d. | CPU |

ANS: B

10. In a GUI environment, most interactions are done through small windows known as \_\_\_\_\_ that display information and allow the user to perform actions.

|  |  |
| --- | --- |
| a. | input boxes |
| b. | windows |
| c. | dialog boxes |
| d. | message boxes |

ANS: C

11. In which type of interface is a prompt displayed that allows the user to enter a command, which is then executed?

|  |  |
| --- | --- |
| a. | Command line |
| b. | GUI |
| c. | ALU |
| d. | CPU |

ANS: A

12. The \_\_\_\_\_ accepts the user’s commands.

|  |  |
| --- | --- |
| a. | register |
| b. | CPU |
| c. | operating system |
| d. | ALU |

ANS: C

13. With what part of the computer does the user interact?

|  |  |
| --- | --- |
| a. | Graphical unit |
| b. | User interface |
| c. | Register |
| d. | CPU |

ANS: B

14. How many graphical widgets does the tkinter module provide?

|  |  |  |
| --- | --- | --- |
| a. | Five |  |
| b. | Ten |  |
| c. | Fifteen |  |
| d. | Twenty |  |

ANS: C

15. The acronym GUI stands for:

|  |  |  |
| --- | --- | --- |
| a. | Graphical User Interface |  |
| b. | Graphical Unit Interface |  |
| c. | Graphical User Interaction |  |
| d. | Graphical Users’ Interface |  |

ANS: A