

- 1) Which classes that support event handling?
  - a) Java.awt.event.handling
  - b) Javax.swing.event
  - c) Java.awt.event**
  - d) javax.swing.event.handling
- 2) Which Classes support event handling for Swing components?
  - a) Java.awt.event.handling
  - b) Javax.swing.event**
  - c) Java.awt.event
  - d) javax.swing.event.handling
- 3) Which of these packages contains all the classes and methods required for event handling in Java?
  - a) java.applet
  - b) java.awt
  - c) java.event
  - d) java.awt.event**
- 4) A window-based program is called an \_\_\_\_\_?
  - a) event-driven program**
  - b) event program
  - c) event handling program
  - d) listener interface
- 5) A window-based application is or an applet for that matter \_\_\_\_\_?
  - a) is quite different.**
  - b) is simple program
  - c) is quite different applet
- 6) Events are limited to window-based applications—
  - a) True
  - b) false**
- 7) What is an event in the delegation event model used by the Java programming language?
  - a) An event is an object that describes a state change in processing
  - b) An event is an object that describes any change by the user and system
  - c) An event is a class used for defining object, to create events
  - d) An event is an object that describes a state change in a source**
- 8) An event always has a source—
  - a) class
  - b) method
  - c) Connection
  - d) Object**
- 9) You connect the listener to the event source by calling——
  - a) addActionListener()**
  - b) addAction()
  - c) actionPerformed()
  - d) GUI
- 10) You can make the objects of any class listener objects by making the class implement ?
  - a) Action interface
  - b) listener interface.**
  - c) Performed interface

- 11) To register a listener to listen for button-click events, you call the \_\_\_\_\_ method for the JButton object
- a) actionPerformed()
  - b) addAction()
  - c) **addActionListener()**
  - d) GUI
- 12) Not all event handling necessarily requires a separate listener?
- a) **True**
  - b) false
- 13) Which of these events will be notified if the scroll bar is manipulated?
- a) WindowEvent
  - b) ActionEvent
  - c) **AdjustmentEvent**
  - d) ComponentEven
- 14) A component can handle its -----events
- a) function
  - b) interface
  - c) handler
  - d) **own event**
- 15) Which of the following is not an event class?
- a) Low-Level Events
  - b) Semantic Events
  - c) **High-Level Events**
- 16) Which class does the invokeLater() method belong to?
- a) **SwingUtilities class**
  - b) ComponentEvent class
  - c) MouseMotionEvent class
  - d) InputEvent class
- 17) What are the types of event classes?
- a) four types
  - b) three types
  - c) **two types**
  - d) five types
- 18) A objects of this class represent events that result from user actions with the mouse?
- a) FocusEvent
  - b) **MouseEvent**
  - c) WindowEvent
  - d) KeyEvent
- 19) What type of event is related to activating or deactivating a window, reducing a window to its icon, or closing a window?
- a) FocusEvent
  - b) MouseEvent
  - c) **WindowEvent**
  - d) KeyEvent
- 20) Which of the following is not a low-level event?
- a) FocusEvent
  - b) MouseEvent

- c) KeyEvent
  - d) **ActionEvent**
- 21) What type of event relates to objects of the Window class or any subclass of Window related events?
- a) FocusEvent
  - b) MouseEvent
  - c) **WindowEvent**
  - d) KeyEvent
- 22) Which of the events defines relating to a container, such as adding or removing components. You can ignore these classes, as these events are handled automatically ?
- a) **ContainerEvent**
  - b) PaintEvent
  - c) WindowEvent
  - d) ItemEvent
- 23) Which of the following is or are low-level events?
- a) AdjustmentEvent
  - b) **FocusEvent**
  - c) ItemEvent
  - d) **WindowEvent**
- 24) which Objects of this class represent events that arise from pressing keys on the keyboard.
- a) FocusEvent
  - b) MouseEvent
  - c) WindowEvent
  - d) **KeyEvent**
- 25) the event name in capital letters, followed by \_MASK.
- a) **True**
  - b) False
- 26) The event that occurs the first time a window is made visible.
- a) WINDOW\_ACTIVATED
  - b) setVisible(true)
  - c) **window\_opened**
- 27) when it is maximized or minimized, for instance.
- a) WINDOW\_DEICONIFIED
  - b) **WINDOW\_STATE\_CHANGED**
- 28) Called when a mouse button is clicked on a component — that is, when the button is pressed and released
- a) mouseEntered
  - b) **mouseClicked**
  - c) mouseExited
  - d) mouseReleased
- 29) when the mouse is moved within a component while a mouse button is held down
- a) **mouseDragged**
  - b) mouseMoved
  - c) mouseExited
- 30) if the mouse is moved or dragged with a button pressed in an Interface. Which of the following is the correct answer?
- a) **mouseDragged**

- b) mouseMoved
- c) mouseExited
- d) **MouseMotionListener**

31) when the mouse wheel is rotated and scroll information, Which of the following will be used then?

- a) mouseClicked
- b) MouseMotionListener
- c) **mouseWheelMoved**

32) Which of these Listener defines methods to respond to events arising when a key on the keyboard is pressed or released.

- a) addKistener()
- b) **KeyListener()**
- c) addKeybuttonListener()
- d) eventKeyboardListener()

33) Which of the following is or are not part of the window event?

- a) WindowListener
- b) WindowFocusListener
- c) WindowStateListener
- d) **WindowEventListener**

34) Which of the following base class for all semantic events.

- a) ActionEvent
- b) ItemEvent
- c) **AWTEvent**
- d) AdjustmentEvent

35) Which of the following is or are not semantic events.

- a) ActionEvent
- b) ItemEvent
- c) **AWTEvent**
- d) AdjustmentEvent

36) Which of the following is or are semantic events.

- a) ActionEvent
- b) ItemEvent
- c) AWTEvent
- d) AdjustmentEvent
- e) A & B
- f) A,C & D
- g) **A , B & D**

37) Which Event responsible Selection from a set of checkbox or list items.

- a) ComponentEvent
- b) ContainerEvent
- c) **ItemEvent**
- d) TextEvent

38) Which Event responsible for button click, a menu selection, selecting a list item, or ENTER typed in a text field.

- a) **ActionEvent**
- b) MouseWheelEvent

- c) AdjustmentEvent
- d) **ItemEvent**

39) Which of these classes is the super class of all the events?

- a) ItemEvent
- b) EventClass
- c) ActionEventEventObject
- d) **EventObject**

40) How Does Semantic Event Handling Work in Applets ?

41) Event class is defined in which of these libraries?

- a) java.io
- b) java.lang
- c) java.net
- d) **java.util**

42) Which of these methods can be used to determine the type of event?

- a) **getID()**
- b) getSource()
- c) getEvent()
- d) getEventObject()

43) Which of these events will be generated if we close an applet's window?

- a) ActionEvent
- b) ComponentEvent
- c) AdjustmentEvent
- d) **WindowEvent**

44) What is a listener in context to event handling?

- a) **A listener is a object that is notified when an event occurs**
- b) A listener is a variable that is notified when an event occurs
- c) A listener is a method that is notified when an event occurs
- d) None of the mentioned

45) Which of these methods can be used to obtain the reference to the container that generated a ContainerEvent?

- a) getContainer()
- b) getActionEvent()
- c) **getContainerEvent()**
- d) getContainerCommand()

46) Which of these methods can be used to obtain the coordinates of a mouse?

- a) **getPoint()**
- b) getMouseXY()
- c) getCoordinates()
- d) getMouseCordinates()

47) Which of these interfaces handles the event when a component is added to a container?

- a) InputListener
- b) FocusListener
- c) **ContainerListener**
- d) ComponentListener

48) Which of these methods can be used to obtain the command name for invoking an ActionEvent object?

- a) **getCommand()**

- b) `getActionEvent()`
  - c) `getActionCommand()`**
  - d) `getActionEventCommand()`
- 49) Which of these are integer constants defined in `ActionEvent` class?
- a) `ALT_MASK`
  - b) `CTRL_MASK`
  - c) `SHIFT_MASK`
  - d) All of the mentioned**
- 50) Which of these interfaces define a method `actionPerformed()`?
- a) `InputListener`
  - b) `ActionListener`**
  - c) `ContainerListener`
  - d) `ComponentListener`
- 51) Which of these interfaces define four methods?
- a) `InputListener`
  - b) `ActionListener`
  - c) `ContainerListener`
  - d) `ComponentListener`**
- 52) Which of the following is not a **`javax.swing`** Package?
- a) `javax.swing.AbstractAction`
  - b) `javax.swing.KeyStroke`
  - c) `javax.swing.ActionMap`
  - d) `javax.swing.Icon`
  - e) `javax.swing.ActiveEvent`**
  - f) `javax.swing.JToolBar`
  - g) `javax.swing.Action`
- 53) Which of the following components are platform-independent & lightweight.
- a) Java AWT
  - b) Java Swing**