

11 Lecture - CS506

Important Mcqs

Certainly, here are 10 multiple-choice questions (MCQs) related to Event Handling, along with their solutions and multiple options:

****Question 1: What is event handling in programming?***

- a) Handling system errors
- b) Managing memory allocation
- c) Responding to user actions
- d) Controlling hardware devices

****Solution: c) Responding to user actions****

****Question 2: Which type of programming relies heavily on event handling?***

- a) Web development
- b) Networking
- c) Graphics rendering
- d) User interface programming

****Solution: d) User interface programming****

****Question 3: In event-driven programming, what triggers an event?***

- a) The operating system
- b) A user's mouse click or keystroke
- c) Background processes
- d) The main program loop

****Solution: b) A user's mouse click or keystroke****

****Question 4: Which component is responsible for handling events in GUI applications?***

- a) Event Listener
- b) Event Emitter
- c) Event Dispatcher
- d) Event Handler

****Solution: a) Event Listener****

****Question 5: What is an event handler in the context of event-driven programming?***

- a) A method that generates events
- b) A component that triggers events
- c) A function that processes events
- d) A class that defines events

****Solution: c) A function that processes events****

****Question 6: What is the purpose of attaching an event listener to an element in web development?***

- a) To change the element's appearance
- b) To execute a predefined function when the element is interacted with
- c) To prevent users from interacting with the element
- d) To hide the element from the user

****Solution: b) To execute a predefined function when the element is interacted with****

****Question 7: Which event is triggered when a user clicks on an HTML element?***

- a) onhover
- b) onfocus

- c) onclick
- d) onsubmit

****Solution: c) onclick****

****Question 8: In Java Swing, what is an ActionListener used for?***

- a) Changing the layout of the GUI
- b) Displaying error messages
- c) Responding to user interface events
- d) Defining GUI components

****Solution: c) Responding to user interface events****

****Question 9: What is the "this" keyword often used for in event handling?***

- a) To create new event instances
- b) To refer to the main program
- c) To reference the current object or element
- d) To call event handler functions

****Solution: c) To reference the current object or element****

****Question 10: Which phase of event handling involves selecting the appropriate event handler?***

- a) Propagation
- b) Bubbling
- c) Capturing
- d) Registration

****Solution: d) Registration****