# 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**