

9 Lecture - CS410

Important Mcqs

1. What is a window in the context of graphical user interfaces?

- a) A type of mouse pointer
- b) A borderless frame
- c) A region on the screen that displays content and can interact with the user
- d) A computer peripheral

Solution: c) A region on the screen that displays content and can interact with the user

2. Which API is commonly used to create windows in Windows OS?

- a) JVM
- b) OpenGL
- c) DirectX
- d) WinAPI

Solution: d) WinAPI

3. What is the primary function of the Window Procedure in Windows programming?

- a) To create a new window
- b) To handle messages and events for a window
- c) To manage the position of the window on the screen
- d) To close an existing window

Solution: b) To handle messages and events for a window

4. Which message is sent to a window when the user clicks a mouse button?

- a) WM_PAINT
- b) WM_LBUTTONDOWN
- c) WM_CLOSE
- d) WM_KEYDOWN

Solution: b) WM_LBUTTONDOWN

5. What is the role of the WM_PAINT message in Windows message handling?

- a) It requests the window to be repainted.
- b) It closes the window.
- c) It resizes the window.
- d) It moves the window to a new position.

Solution: a) It requests the window to be repainted.

6. The WM_CLOSE message is generated when:

- a) The window is minimized.
- b) The window is closed by the user or system.
- c) The window is moved.
- d) The window is resized.

Solution: b) The window is closed by the user or system.

7. Which message is sent to a window when the user presses a key on the keyboard?

- a) WM_MOUSEMOVE
- b) WM_KEYUP
- c) WM_CHAR
- d) WM_SIZE

Solution: c) WM_CHAR

8. Which Windows function is used to create a new window?

- a) CreateWindowEx
- b) DrawWindow
- c) NewWindow
- d) OpenWindow

Solution: a) CreateWindowEx

9. What is the purpose of the LPARAM and WPARAM parameters in the Window Procedure?

- a) They hold the window's position and size information.
- b) They hold the message-specific information and additional data.
- c) They are used to set the window's title.
- d) They are used to close the window.

Solution: b) They hold the message-specific information and additional data.

10. When handling a message in the Window Procedure, what should be returned after processing the message?

- a) The window handle (HWND)
- b) The wParam parameter
- c) The message itself
- d) 0 (zero)

Solution: d) 0 (zero)