10 Lecture - CS410

Important Mcqs

1. Question: What is the main entry point for a Win32 application?
a) Main()
b) WinMain()
c) ApplicationMain()
d) Entry()
Solution: b) WinMain()
2. Question: Which library is commonly used for Win32 application development?
a) JavaFX
b) Qt
c) WinAPI
d) GTK
Solution: c) WinAPI
3. Question: The WinMain function receives command line arguments in the form of:
a) An array of integers
b) A null-terminated string
c) An array of characters
d) A pointer to a structure

Solution: d) A pointer to a structure

4. Question: The primary purpose of the Window Procedure (WndProc) is to:
a) Register new window classes
b) Process messages sent to the application
c) Handle exceptions and errors
d) Allocate memory for window objects
Solution: b) Process messages sent to the application
5. Question: How is the message loop typically implemented in a Win32 application?
a) using a recursive function
b) using a while loop
c) using a for loop
d) using a switch-case statement
Solution: b) using a while loop
6. Question: Which message is commonly used for handling window creation in the Window Procedure?
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Procedure?
Procedure? a) WM_PAINT
a) WM_PAINT b) WM_CREATE
Procedure? a) WM_PAINT b) WM_CREATE c) WM_DESTROY
Procedure? a) WM_PAINT b) WM_CREATE c) WM_DESTROY d) WM_CLOSE
Procedure? a) WM_PAINT b) WM_CREATE c) WM_DESTROY d) WM_CLOSE Solution: b) WM_CREATE
a) WM_PAINT b) WM_CREATE c) WM_DESTROY d) WM_CLOSE Solution: b) WM_CREATE 7. Question: The function used to create a new window in a Win32 application is:

d) OpenWindow

Solution: b) CreateWindowEx

- 8. Question: The window class styles are specified during:
 - a) Window creation
 - b) Message loop processing
 - c) Window destruction
 - d) Message handling

Solution: a) Window creation

- 9. Question: How does the application receive messages from the operating system?
 - a) Through function callbacks
 - b) Through interrupt requests
 - c) Through polling the message queue
 - d) Through direct memory access

Solution: c) Through polling the message queue

- 10. Question: Which function is used to release the resources associated with a window?
 - a) UnregisterClass
 - b) DestroyWindow
 - c) CloseWindow
 - d) DisposeWindow

Solution: b) DestroyWindow