

For Solved Visit **VU Answer**

CS410 Final Term Papers by Waqar (File 3)

Question No : 1 of 52 Marks: 1 (Budgeted Time 1 Min)

If we destroy owner window then _____.

Answer (Please select your correct option)

- Only owner window will be destroyed
- Only its owned window will be destroyed
- Both owner and owned window will be destroyed
- The application will be crashed

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Question No : 2 of 52 Marks: 1 (Budgeted Time 1 Min)

The HOLLOW_BRUSH and _____ stock objects are equivalent.

Answer (Please select your correct option)

- GRAY_BRUSH
- NULL_BRUSH
- WHITE_BRUSH
- NO_BRUSH

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Examination VU Examination System (... x)

Question No : 3 of 52 Marks: 1 (Budgeted Time 1 Min)

When a menu item is clicked, _____ message is sent.

Answer (Please select your correct option)

- WM_MENUEITEMCLICKED
- WM_MENUECLICKED
- WM_COMMAND
- WM_PAINT

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Question No : 4 of 52 Marks: 1 (Budgeted Time 1 Min)

Which of the following is compulsory about a keyboard accelerator?

Answer (Please select your correct option)

- Resource scripts of accelerator and corresponding menu item must be written in different resource files.
- Accelerator and corresponding menu item must have identical identifiers.
- You must not write DISCARDABLE in the resource script of accelerator.
- All of the given options

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Examination VU Examination System (...)

Question No : 5 of 52 Marks: 1 (Budgeted Time 1 Min)

DLU is:

Answer (Please select your correct option)

- Handle of a dialog
- Handle of a modal dialog only
- Measure of distance within a dialog box
- Name of a dialog

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Examination VU Examination System (...)

Question No : 6 of 52 Marks: 1 (Budgeted Time 1 Min)

Identify the dll in which the windows common controls are implemented

Answer (Please select your correct option)

- Kernel32.dll
- Comctl32.dll
- Gdi32.dll
- User32.dll

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Examination VU Examination System (... x)

Question No : 7 of 52 Marks: 1 (Budgeted Time 1 Min)

A critical section object can be owned by only _____ thread(s) at a time.

Answer (Please select your correct option)

- One
- Two
- Three
- Many

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Examination VU Examination System (... x)

Question No : 8 of 52 Marks: 1 (Budgeted Time 1 Min)

CGI stands for:

Answer (Please select your correct option)

- Control Graphics Interface
- Common Graphics Interface
- Control Gateway Interface
- Common Gateway Interface

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Question No : 9 of 52 Marks: 1 (Budgeted Time 1 Min)

It is _____ to create a dialog box that has no owner.

Answer (Please select your correct option)

- Possible
- Impossible
- Impractical
- None of the given

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Question No : 10 of 52 Marks: 1 (Budgeted Time 1 Min)

An accelerator _____ to correspond to a menu command.

Answer (Please select your correct option)

- Needs
- Needs not
- Is essential
- Is necessary

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Question No : 11 of 52 Marks: 1 (Budgeted Time 1 Min)

MIME stands for _____.

Answer (Please select your correct option)

- Multi-purpose International Mail Environment
- Multi-purpose Interactive Mail Environment
- Multi-purpose Internet Mail Extensions
- Multi-purpose Interactive Mail Extensions

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Question No : 12 of 52 Marks: 1 (Budgeted Time 1 Min)

HTTP listens at port _____.

Answer (Please select your correct option)

- 80
- 88
- 808
- 800

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Question No : 13 of 52 Marks: 1 (Budgeted Time 1 Min)

```
Union Person
{
char name[30];           //30 bytes
int age;
float height;
};
```

Answer (Please select your correct option)

- 30 bytes will skip after executing ptr = ptr +1.
- 31 bytes will skip after executing ptr = ptr +1.
- 32 bytes will skip after executing ptr = ptr +1.
- 38 bytes will skip after executing ptr = ptr +1.

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Question No : 14 of 52 Marks: 1 (Budgeted Time 1 Min)

In which parameter of create window function we can specify the Menu.

Answer (Please select your correct option)

- hMenu
- hInstance
- hWnd
- dialogBox

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Examination VU Examination System (... x)

Question No : 15 of 52 Marks: 1 (Budgeted Time 1 Min)

What is the basic unit to which the operating system allocates processor time.

Answer (Please select your correct option)

- Thread
- Process
- RAM
- Register

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Examination VU Examination System (... x)

Question No : 16 of 52 Marks: 1 (Budgeted Time 1 Min)

To create semaphore objects which function use by thread?

Answer (Please select your correct option)

- CreateSemaphore()
- CreateSemaobject()
- CreateObject()
- Create()

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Question No : 17 of 52 Marks: 1 (Budgeted Time 1 Min)

If we supply a NULL window handle in PostMessage function then:

Answer (Please select your correct option)

- Message will be lost
- Message will still be posted to queue associated with the window
- Message will be posted to the queue associated with current thread
- Message will be posted to any thread

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Question No : 18 of 52 Marks: 1 (Budgeted Time 1 Min)

To create a thread which is initially in suspended state, we should:

Answer (Please select your correct option)

- Give CREATE_SUSPENDED flag in CreateThread
- Call ExitThread API immediately after creating thread
- Create thread by calling __beginthread function
- Create worker thread

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Question No : 19 of 52 Marks: 1 (Budgeted Time 1 Min)

The state of a semaphore object is _____ when its count is greater than zero and _____ when its count is equal to zero respectively.

Answer (Please select your correct option)

- non-signaled, signaled
- signaled, non-signaled
- created, destroyed
- destroyed, created

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Question No : 20 of 52 Marks: 1 (Budgeted Time 1 Min)

What changes will occur due to direct assignment to a pointer variable?

Answer (Please select your correct option)

- Address, the pointer variable is pointing to, will be changed
- Contents of the memory, the pointer variable is pointing to, will be changed
- pointer variable will be initialized to NULL
- Memory location, the pointer variable is pointing to, will be initialized to NULL

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Question No : 21 of 52 Marks: 1 (Budgeted Time 1 Min)

_____ generates a unique handle for each menu.

Answer (Please select your correct option)

- System
- User
- Dialog box
- Menu Items

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Question No : 22 of 52 Marks: 1 (Budgeted Time 1 Min)

_____ of visual studio 6.0 is used to create resources script files?

Answer (Please select your correct option)

- Notepad Editor
- Resource editor
- MS word Editor
- Web based editor

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Question No : 23 of 52 Marks: 1 (Budgeted Time 1 Min)

_____ provides a simple and intuitive interface to exchange date and time information with a user.

Answer (Please select your correct option)

- DTP
- PTD
- DDT
- TDD

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Question No : 24 of 52 Marks: 1 (Budgeted Time 1 Min)

To Register and initialize the common control window classes, _____ function is used.

Answer (Please select your correct option)

- InitCommonControls()
- InitCommonControlsDlg()
- InitCommon()
- InitCommonEx()

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Question No : 25 of 52 Marks: 1 (Budgeted Time 1 Min)

Variable defined in DLL lose their scope in the memory after _____.

Answer (Please select your correct option)

- Loading DLL
- Destroy function
- None of the given
- Unloading DLL

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Question No : 26 of 52 Marks: 1 (Budgeted Time 1 Min)

A mutex object is a synchronization object so when its state is set to signaled.

Answer (Please select your correct option)

- When it is owned by any thread
- When it is destroy by any thread
- When it is not created by any thread
- When it is not owned by any thread

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Question No : 27 of 52 Marks: 1 (Budgeted Time 1 Min)

If bind function fails then what kind of error it will return.

Answer (Please select your correct option)

- SOCKET_ERROR
- SOCKET_FAILED
- SOCKET_NOT_AVAILABLE
- None of the given

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Question No : 28 of 52 Marks: 1 (Budgeted Time 1 Min)

An application can call listen _____ on the same socket.

Answer (Please select your correct option)

- Only twice
- None of the given options
- Once
- More than once

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Question No : 29 of 52 Marks: 1 (Budgeted Time 1 Min)

A process can not contain any _____ that run in the context of the process.

Answer (Please select your correct option)

- RAM
- Thread
- Register
- Transister

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Question No : 30 of 52 Marks: 1 (Budgeted Time 1 Min)

Which threads should run and when they should run, Who determines?

Answer (Please select your correct option)

- Scheduler
- Threads
- Messages
- Loader

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Question No : 31 of 52 Marks: 1 (Budgeted Time 1 Min)

Normally keys combined with _____ key generate SYSKEY messages.

Answer (Please select your correct option)

- Control
- Alt
- Page Up
- F3

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Question No : 32 of 52 Marks: 1 (Budgeted Time 1 Min)

*a+ can also be written as _____

Answer (Please select your correct option)

- a[i+1]
- *a
- a [i]
- *a+1

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Question No : 33 of 52 Marks: 1 (Budgeted Time 1 Min)

Name of the three dimensional array is the address of _____

Answer (Please select your correct option)

- First Row
- Last Page
- First page
- First Element

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Question No : 34 of 52 Marks: 1 (Budgeted Time 1 Min)

_____ provides the functionality to create and manage screen windows and most basic controls

Answer (Please select your correct option)

- GDI
- Common Dialog Box
- User Interface
- Common Control Library

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Question No : 35 of 52 Marks: 1 (Budgeted Time 1 Min)

What kind of messages can be display using message box function?

Answer (Please select your correct option)

- Long messages
- Short messages
- Null values
- Message Box

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Question No : 36 of 52 Marks: 1 (Budgeted Time 1 Min)

_____ Function is used to clear the clipboard.

Answer (Please select your correct option)

- OpenClipboard()
- WM_SYSKEYDOWN
- EmptyClipboard()
- WM_SYSKEYUP

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Question No : 37 of 52 Marks: 1 (Budgeted Time 1 Min)

Graphical device interface communicates between application and _____ driver

Answer (Please select your correct option)

- Car
- Utility
- Operating System
- Device

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Question No : 38 of 52 Marks: 1 (Budgeted Time 1 Min)

When the system sends the item's identifier to the owner window?

Answer (Please select your correct option)

- When the user chooses a command item from a menu
- When the system chooses a command item from a menu
- When the user click on any window area
- When the system de-select the item menu

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Question No : 39 of 52 Marks: 1 (Budgeted Time 1 Min)

To retrieve the identifier of the menu item at a specified position, we can use the

Answer (Please select your correct option)

- GetMenuItemID or GetMenuItemInfo function.
- Only through GetMenuItemID function
- We have to use both GetMenuItemID and GetMenuItemInfo
- None of the given functins

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Question No : 40 of 52 Marks: 1 (Budgeted Time 1 Min)

Copy-on-write protection is an optimization that allows multiple processes to map their virtual address spaces such that they share a physical page until one of the processes modifies the page. This definition belongs to which technique.

Answer (Please select your correct option)

- Lazy evaluation
- Fast evaluation
- Process evaluation
- None of the given

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Question No : 41 of 52 Marks: 2 (Budgeted Time 4 Min)

```
#include <windows.h>
int WINAPI WinMain (HINSTANCE hInstance, HINSTANCE hPrevInstance,
PSTR szCmdLine, int iCmdShow)
{
    MessageBox (NULL, TEXT ("Hello, I Am Here!"), TEXT ("Hello Msg"), 0);
    return 0;
}
```

Answer (Please click here to Add Answer)

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Question No : 42 of 52 Marks: 2 (Budgeted Time 4 Min)

Briefly define Owner-Drawn Menu Items?

Answer (Please click here to Add Answer)

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Question No : 43 of 52 Marks: 2 (Budgeted Time 4 Min)

What is the purpose of Pager control?

Answer (Please click here to Add Answer)

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Question No : 44 of 52 Marks: 2 (Budgeted Time 4 Min)

Define Mutex Object.

Answer (Please click here to Add Answer)

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Question No : 45 of 52 Marks: 3 (Budgeted Time 6 Min)

A University has 3 hostel buildings. Every hostel has 50 rooms. In each room, 3 students at max must be accommodated.

Declare an array of integer type having name "ABC" to store the information provided above.

Answer (Please click here to Add Answer)

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Question No : 46 of 52 Marks: 3 (Budgeted Time 6 Min)

Write any six types of windows resources.

Answer (Please click here to Add Answer)

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Question No : 47 of 52 Marks: 3 (Budgeted Time 6 Min)

State two disadvantages of using threads in an application?

Answer (Please click here to Add Answer)

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Question No : 48 of 52 Marks: 3 (Budgeted Time 6 Min)

What is meant by "static web contents" ?

Answer (Please click here to Add Answer)

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Question No : 49 of 52 Marks: 5 (Budgeted Time 10 Min)

Is there a function that will freeze window repainting for some time, while I do changes to the layout of my dialog? Write the sample code.

Answer (Please click here to Add Answer)

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Question No : 50 of 52 Marks: 5 (Budgeted Time 10 Min)

Suppose an application has a window and 2 menu resources, one is IDM_MENU1 and second is IDM_MENU2. While registering the window class in this application, we make IDM_MENU1 the class menu. Now, we have 2 scenarios:

0. We give the menu handle of IDM_MENU2 during creating the window.
1. We give NULL as the menu during creating the window.

You have to tell which menu will be associated to the window in both cases.

Answer (Please click here to Add Answer)

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Question No : 51 of 52 Marks: 5 (Budgeted Time 10 Min)

We have a DLL that is being used by many applications. We want to share a variable declared in that DLL among all of these applications. How can we do this?

Answer (Please click here to Add Answer)

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Question No : 52 of 52 Marks: 5 (Budgeted Time 10 Min)

I have a server and client program on the same machine. The server is part of an application- it can start and stop arbitrarily. When the server is up, I want the client to connect to the server's listening socket. There are win32 functions to wait on file system changes (ReadDirectoryChangesW) and registry changes (RegNotifyChangeKeyValue)-

Write the names of related APIs that we need to use to solve problem.

Answer (Please click here to Add Answer)

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