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CS410 Solved MCQs For Mid Term Exam

M.Zahid Adnan MIT Final Layyah Campus

Message loop ends when the GetMessage() function removes the following message from the message queue:

WM_SETFOCUS

WM_PAINT

WM_SYSCOMMAND

WM_QUIT

We want to declare a variable in a function such that whenever the function is called, the variable is not reinitialized. The storage class of the variable must be:

<u>Auto</u>

Static

Extern

All of the given options

^

None of the above



What is a function pointer?

0

A pointer that passes as an argument to the function

0

A pointer that is declared inside the function

O

Some returning pointer

0

A pointer that takes return value of some other function

o

A pointer that points to the starting address of the function

How many parameters do WinMain function contains

1

2

3

<u>4</u>

5

Which of the following class of window is pre-registered?

0

main window

0

pop-up window

0

system window

o



| chi | Id | winc | Inw |
|-----|----|------|-----|

o

parent window

Which of the following is not a user defined data type?

Structures

Enumerations

Unions

Typedefs

None of the above

Which of the following is not a feature of windows programming?

0

Resource sharing

o

Device independent programming

^

Multitasking

_

Single path of execution

_

GDI (Graphics Device interface)



ing text and images on display

| is a subsystem responsible for displayi |
|--|
| devices and printers. |
| Brushes |
| Pens |
| GDI (Graphics Device Interface) |
| Kernel |
| Operating system |
| Union person{ |
| Char name[30]; |
| Int age; |
| Float height; |
| } ; |
| void main(){ |
| person abc; |
| } |
| How many bytes will be allocated to abc; |
| 42 |
| 30 |
| 38 |
| 36 |
| 28 |

__Line__ convert the current ____ in program.



- ►Line No
- ▶File No
- ▶Page No
- ►None of given

We

can undefine already defined preprocessor directive using

- ▶#undef
- ▶#unifdef
- ▶#unenddef
- ►None of given

Question No: 9 (Marks: 1) - Please choose one

Identifier is not replaced if it appears

- ►In a comment
- ►With in a string
- ►As a part of a long identifier
- ►All of given

Question No: 10 (Marks: 1) - Please choose one

Union Person

{

char name[30];

//30 bytes



```
int age;
float height;
};
How many bytes will skip after executing ptr = ptr +1.
Union Person abc, *ptr;
Ptr = &abc;
```

Page 6

```
ptr = ptr +1;
```

- ▶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.

Question No: 11 (Marks: 1) - Please choose one

C

language is an extensible language.

▶True

▶False

Question No: 12 (Marks: 1) - Please choose one

Page 7



| is/are the type(s) of Logical Brushes. |
|--|
| ▶Solid |
| ►Hatched |
| ▶Patched |
| ►All of the given |
| Question No: 13 (Marks: 1) - Please choose one |
| is/are type(s) of macro. |
| ▶Object-like macro |
| ▶Function-like macro |
| ►All of the given |
| ►None of the given |
| Question No: 14 (Marks: 1) - Please choose one |
| macro expands to the constant 1, to signify that this compiler conforms to ISO standard C. |
| ►_STD_ |
| ▶_STDC_ |
| ►_STDC_HOSTED_ |
| ►_STDC_VERSION_ |
| Question No: 15 (Marks: 1) - Please choose one |

Page 8

char

(*ptrString)[4][2];



| now many bytes will be skipped by the statement ptrstring += 2? |
|---|
| ▶16 |
| ▶1 |
| ▶ 4 |
| ▶8 |
| Question No: 16 (Marks: 1) - Please choose one |
| If we |
| destroy owner window then |
| ▶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 |
| 1 - Choose Command line user interface |
| 1. MS DOS |
| 2. MS Windows |
| 3. MS Word |
| 4. MS Visio |
| |

- Correct Choice: 1 From Lectuer # 1
- 2 Which of the following is not a feature of windows programming?
- 1. Resource sharing
- 2. Device independent programming
- 3. Multitasking
- 4. Single path of execution

Correct Choice: 4 From Lectuer # 1

4 - Window Operating System Do not give us



1. Direct memory access

1. First Column

2. Direct access video ports

Page 9

| 2. Direct access video ports |
|---|
| |
| Pa |
| |
| |
| 3. Direct memory interrupt |
| 4. All of the given |
| Correct Choice : 4 From Lectuer # 2 |
| 5 - *(a+i) can also be written as |
| 1. a[i] |
| 2. a[i+1] |
| 3. *a |
| 4. *a+1 |
| Correct Choice: 1 From Lectuer # 3 |
| 6 - char (*ptrString)[4][2]; How many bytes will be skipped by the statement ptrString += |
| 2? |
| 1. |
| 2. |
| |
| 3. |
| 4. |
| Correct Choice: 4 From Lectuer # 3 |
| 7 - Name of Two dimensional array is the address of |
| 7 - Name of Two dimensional array is the address of |



- 2. First Row
- 3. Last Row
- 4. Last Column

Correct Choice: 2 From Lectuer # 3

- 8 What is a function pointer?
- 1. A pointer that passes as an argument to the function
- 2. A pointer that is declared inside the function
- 3. A pointer that points to the starting address of the function
- 4. A pointer that takes return value of some other function

Correct Choice: 3 From Lectuer # 3

- **9** Union Person { char name[30]; //30 bytes int age; float height; }; How many bytes will skip after executing ptr = ptr +1. Union Person abc, *ptr; Ptr = &abc; ptr = ptr +1;
- 1. 30 bytes will skip after executing ptr = ptr +1
- 2. 31 bytes will skip after executing ptr = ptr +1.
- 3. 32 bytes will skip after executing ptr = ptr +1.
- 4. 38 bytes will skip after executing ptr = ptr +1.

Correct Choice: 1 From Lectuer # 4

10 - How many bytes will be allocated to abc; Union person{ Char name[30]; Int age;

Float

height; }; void main(){ person abc; }

- 1.
- 2.
- 3.
- 4.

Correct Choice: 3 From Lectuer # 4



Page 10

| 11 - We can display symbolic constants instead of numeric values using: |
|--|
| 1. Structures |
| 2. Enumeration |
| 3. Unions |
| 4. Typedef |
| Correct Choice: 2 From Lectuer # 4 |
| 13macro expands to the constant 1, to signify that this compiler conforms to |
| ISO Standard C |
| 1STDC |
| 2STDC_VERSION |
| 3STDC_HOSTED |
| 4. None of the given |
| Correct Choice: 1 From Lectuer # 5 |
| 14 - Identifier is not replaced if it appears |
| 1. In a comment |
| 2. With in a string |
| 3. As a part of a long identifier |
| 4. All of given |

Correct Choice: 4 From Lectuer # 5

15 - Preprocessor directive starts with _____ symbol.



- 1.#
- 2. &
- 3. *
- 4. %

Correct Choice: 1 From Lectuer # 5

- 16 We can undefine already defined preprocessor directive using
- 1. #undef
- 2. #unifdef
- 3. #unenddef
- 4. None of given

Correct Choice: 1 From Lectuer # 5

- 19 _____ is used to check the predefined identifiers.
- 1. #include
- 2. #ifdef
- 3. #def
- 4. #elif

Correct Choice: 2 From Lectuer # 5

- 20 _____ is/are type(s) of macro
- 1. Object-like macro
- 2. Function-like macro
- 3. Both of the Given
- 4. None of the given

Correct Choice: 3 From Lectuer # 5



| 21 - Result of of two bits is TRUE (1) if only if both are TRUE (1) |
|---|
| 1. OR() |
| 2. XOR |
| page 4 / 12 |
| 3. AND(&) |
| 4. NOR |
| Correct Choice: 3 From Lectuer # 6 |
| 22 - Specific memory areas where parameters are copied are |
| 1. Stacks |
| 2. Arrays |
| 3. Queues |
| 4. Lists |
| Correct Choice: 1 From Lectuer # 6 |
| 24 - Static variables are made on memory location |
| 1. Fixed |
| 2. Stack |
| 3. Pointer |
| 4. Variables |
| Correct Choice: 1 From Lectuer # 7 |
| 25 - We want to declare a variable in a function such that whenever the function is |
| called, |

the variable is not reinitialized. The storage class of the variable must be:



- 1. Static
- 2. Auto
- 3. Extern
- 4. All of the given options

Correct Choice: 3 From Lectuer # 7

26 - ______ is responsible for Stack Rewinding when called-function returns.

- 1. Function
- 2. Pointer
- 3. called function
- 4. Caller function

Correct Choice: 4 From Lectuer # 7

- 27 DOS boxes are also called _____
- 1. Main window
- 2. Consol window
- 3. dialogue box
- 4. Arrays

Correct Choice: 2 From Lectuer # 8

28 - GDI is implemented through _____

Page 12

- 1. GDI.dll
- 2. win32.dll



- 3. GDI32.dll
- 4. Kernel.dll

Correct Choice: 3 From Lectuer #8

30 - GDI stands for _____

- 1. Graphics Driver Interface
- 2. Graphics Device Interface
- 3. Graphics Direct Interface
- 4. None of the given options

Correct Choice: 2 From Lectuer # 8

- 31 How many parameters do WinMain function contains
- 1.
- 2.
- 3.
- 4.

Correct Choice: 3 From Lectuer #8

 ${\bf 32}$ - Pump the blood in the whole body of a human being. This work done by the heart

but

what will be the heart of an operation system.

- 1. Kernel
- 2. Win32
- 3. Virtual Memory
- 4. ROM

Correct Choice: 1 From Lectuer # 8

- 33 What kind of messages can be display using messagebox function?
- 1. Long Messages



- 2. Short Messages
- 3. Null Massages
- 4. None of Given

Correct Choice: 2 From Lectuer # 8

- 34 What will be the entry point to a Windows program?
- 1. WinMain
- 2. Main
- 3. Java.main
- 4. System.main

Correct Choice: 1 From Lectuer # 8

- **35** _____ is/are the type(s) of Logical Brushes.
- 1. Solid
- 2. Hatched
- 3. Pattern
- 4. All of the given

Correct Choice: 4 From Lectuer # 8

Page 13

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 ${\bf 37}$ - Message loop ends when the GetMessage() function removes the following

message

from the message queue:

1. WM_QUIT



- 2. WM_SETFOCUS
- 3. WM_PAINT
- 4. WM_SYSCOMMAND

Correct Choice: 1 From Lectuer # 10

- 38 Which one of the following is not a nonqueued message?
- 1. WM_ACTIVATE
- 2. WM_SETFOCUS
- 3. WM_WINDOWPOSCHANGED
- 4. WM_SETCURSOR

Correct Choice: 3 From Lectuer # 10

- 39 A thread can not share all of the its resources
- 1.
- 2.
- 3.
- 4.

Correct Choice: 2 From Lectuer # 11

- 40 A _____ is commonly used to handle background tasks
- 1. Worker thread
- 2. User Interface thread
- 3. Parent thread
- 4. Process thread

Correct Choice: 1 From Lectuer # 11

- 41 If we destroy owner window then _____.
- 1. Only owner window will be destroyed
- 2. Only its owned window will be destroyed



- 3. Both owner and owned window will be destroyed
- 4. The application will be crashed

Correct Choice: 3 From Lectuer # 11

43 - The basic building block for displaying information in the "Microsoft Windows" graphical environment is ______

- 1. Messeage Queue
- 2. WinMain
- 3. Message Loop
- 4. Window

Correct Choice: 4 From Lectuer # 11

44 - _____ is one of user interface elements

- 1. Accelerator
- 2. Message Loop
- 3. WinProc

Page 14

4. None of given options

Correct Choice: 1 From Lectuer # 11

- 45 _____ determines that, which threads should run and when they should run?
- 1. Scheduler
- 2. Thread itself
- 3. Messages
- 4. None of the given options



Correct Choice: 1 From Lectuer # 11

46 - _____ handles user inputs and responds to user events independently.

- 1. User-Interface Thread
- 2. Worker Thread
- 3. Kernel Thread
- 4. None of given options

Correct Choice: 1 From Lectuer # 11

47 - ______ provides the functionality to create and manage screen windows and most basic controls.

- 1. GDI
- 2. Common Dialog Box
- 3. Common Control library
- 4. User Interface

Correct Choice: 4 From Lectuer # 11

- 48 For whom system registers the system class
- 1. Window class
- 2. Register class
- 3. Process
- 4. None of given

Correct Choice: 3 From Lectuer # 12

- 49 The first step in creating a window is registering a window class by _____
- 1. Using DispatchMessage API
- 2. Filling a WNDCLASS structure and calling RegisterClass
- 3. Getting Window Handle
- 4. None of given options



Correct Choice: 2 From Lectuer # 12

50 - Two types of Subclassing are:

- 1. Automated Subclassing and Manual Subclassing
- 2. Static Subclassing and Dynamic Subclassing
- 3. Local Subclassing and Global Subclassing
- 4. Instance Subclassing and Global Subclassing

Correct Choice: 4 From Lectuer # 12

- 51 Which of the following class of window is pre-registered?
- 1. main window
- 2. pop-up window
- 3. system window

Page 15

4. child window

Correct Choice: 3 From Lectuer # 12

52 - GDI presents _____

- 1. Device-independent view
- 2. Device-dependent view
- 3. Monitor-dependent view
- 4. None of given

Correct Choice: 1 From Lectuer # 13

- 53 Graphical device interface communicates between application and _____ driver
- 1. Port



- 2. Operating System
- 3. Device
- 4. Kernel

Correct Choice: 3 From Lectuer # 13

- 54 If we pass NULL value to "GetDC" function, it retrieves the DC for the:
- 1. Entire Screen
- 2. Parent Window
- 3. Client Window
- 4. It does not retrieves DC

Correct Choice: 1 From Lectuer # 13

55 - The ____ function retrieves a handle to a display device context (DC) for the client area

of a specified window or for the entire screen.

- 1. GetHwnd
- 2. GetDC
- 3. GetGDI
- 4. GetStockObject

Correct Choice: 2 From Lectuer # 13

56 - The _____ function writes a character string at the specified location, using the currently selected font, background color, and text color

- 1. printf(...)
- PrintText(...)
- 3. TextOut(...)
- 4. cout
- 58 WM_PAINT message may be sent when a drop down menu disappear



| 1 | |
|---|--|
| | |

2.

3.

4.

Correct Choice: 2 From Lectuer # 13

59 - _____ acts as a buffer between applications and output devices.

1. GDI

2. Kernel32

Page 16

3. OS

4. CPU

Correct Choice: 1 From Lectuer # 13

60 - ______ is the smallest rectangle enclosing the portion of a window or client area

affected by recent drawing operations

- 1. Invalid Rectangle
- 2. Accumulated Bounding Rectangle
- 3. Accumulated Client Rect
- 4. All of the given options

Correct Choice: 2 From Lectuer # 13

61 - A ______ is a structure that defines a set of graphic objects and their associated attributes, as well as the graphic modes that affect output.



- 1. Kernel
- 2. Pen
- 3. Bitmap
- 4. Device Context

Correct Choice: 4 From Lectuer # 14

- 62 Condition(s) in which WM_PAINT message may be sent is/are _____
- 1. A dialog box is maximized
- 2. A drop-down menu disappears
- 3. A tool tip is displayed and then it hides
- 4. All of the given options

Correct Choice: 4 From Lectuer # 14

- **65** Device-independed value represents
- 1. Virtual key code
- 2. Key code
- 3. READOnly code
- 4. None of Given

Correct Choice: 1 From Lectuer # 16

- 66 An accelerator, not always needs to correspond to a menu command.
- 1.
- 2.
- 3.
- 4.

Correct Choice: 1 From Lectuer # 17

- 67 In which parameter of "CreateWindow" function, we can specify the Menu.
- 1. hInstance



- 2. hmenu
- 3. hWin
- 4. dialoge box

Correct Choice: 2 From Lectuer # 18

68 - Which function loads the specified menu resource from the executable (.exe) file

Page 17

associated with an application instance.

- 1. LoadMenu()
- 2. Load_Menu()
- 3. Load_M()
- 4. non of given

Correct Choice: 4 From Lectuer # 18

Which message is generated by the system only when any part of application window becomes invalid?

- ►WM_BRUSH
- ►WM_PAINT
- ►WM_COLOR
- ►WM_CANVAS

Which GDI environmental space has limited colors?

- ►Logical space
- ▶Physical Space
- ►Virtual Space
- **▶**Default Space



For whom system registers the system class.

| \triangleright | N | 1 | n | а | n | ١W | , | $^{\circ}$ | I۶ | ١ς | S |
|------------------|---|---|---|---|---|----|---|------------|----|----|---|

- ▶Register class
- **▶**Process
- ►None of given

Choose Command line user interface

Page 18

►MS DOS

- ►MS Windows
- ►MS Word
- ►MS Visio

Pump the blood in the whole body of a human being. This work done by the heart but what will be the heart of an operation system.

- **▶**Kernel
- ►Win32
- ►Virtual Memory
- **▶**ROM

If we destroy owner window then _____.

- ▶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



To maximize the flexibility of the process's memory management system can moves pages of physical memory to and from a paging file on the disk.

moves pages of physical memory to and fro

True

False
The pages size in x86 Computers is _____.

4 bits

4 bytes

4 Kilobytes

•

4 Maga Bytes

.

4 Gaga Bytes

The size of pages depends on the host computer.

Page 19

True

.



| THE RESERVE THE PROPERTY OF TH |
|--|
| v |
| False |
| Physical Storage and the |
| Virtual |
| Address Space of each process is organized in |
| · |
| • |
| Pages |
| • |
| Page Map |
| • |
| paging file |
| • |
| Process Map |
| A disk file used to increase the amount of |
| physical |
| storage is known as |
| Fiber |
| page map |
| paging file |
| pages |
| is a reserve word in resource file |
| Statement |
| Cursor |

Bitmap

Icon.



___ function is used to invalidate a window or part of it.

BeginPaint

InvalidateRect

EndPaint

DefWindowProc

Page 20

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

SOCKET_ERROR

SOCKET_FAILED

SOCKET_FAILED

None of the given

Question No: 1 (Marks: 1) - Please choose one

Consider the following statements written in a DLL:

__declspec (dllexport) int Factorial(int);

int Average(int, int);

Which of the following statements is true about the above statements?

- ▶Factorial() and Average() are 2 public functions of the DLL
- ►Average() is the only public functions of the DLL
- ▶ Factorial() is the only public functions of the DLL
- ▶This DLL does not have any public functions

Question No: 2 (Marks: 1) - Please choose one

Which one of the following operations is common to both client and server sockets:



Page 21

- ▶Bind
- ▶Listen
- **▶**Accept
- **▶**Send

Question No: 3 (Marks: 1) - Please choose one

What will happen if we use PostThreadMessage for a thread that does not have the message queue?

- ►Nothing will happen
- ▶It will cause a run time error
- ▶Thread will resume processing
- ▶Its message queue will be created

Question No: 4 (Marks: 1) - Please choose one

To create semaphore objects which function use by thread?

- ►CreateSemaphore()
- ►CreateSemaobject()

Page 22

►CreateObject()



▶Create()

Question No: 5 (Marks: 1) - Please choose one

RFC stands for

- ▶Request for comments
- ▶Request of connects
- ▶Reference for connect
- ▶Request for cancels

Consider the following statements written in a DLL:

__declspec (dllexport) int Factorial(int);

int Average(int, int);

Which of the following statements is true about the above statements?

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- ►Average() is the only public functions of the DLL
- ▶Factorial()is the only public functions of the DLL

Page 23

▶This DLL does not have any public functions

Question No: 2 (Marks: 1) - Please choose one

Which one of the following operations is common to both client and server sockets:

- ▶Bind
- ▶Listen
- **▶**Accept
- **▶**Send



Question No: 3 (Marks: 1) - Please choose one

What will happen if we use PostThreadMessage for a thread that does not have the message queue?

- ►Nothing will happen
- ▶It will cause a run time error
- ►Thread will resume processing
- ▶Its message queue will be created

Page 24

Question No: 4 (Marks: 1) - Please choose one

To create semaphore objects which function use by thread?

- ►CreateSemaphore()
- ►CreateSemaobject()
- ►CreateObject()
- **▶**Create()

Question No: 5 (Marks: 1) - Please choose one

RFC stands for

- ▶Request for comments
- ▶Request of connects
- ▶Reference for connect
- ▶ Request for cancels



Page 25

Question No: 6 (Marks: 1) - Please choose one

When every any GDI function call is made or send message or post message function calls are made then which queuing will create?

- ► Message Queuing
- ▶Function Queuing
- ▶Process Queuing
- ►None of the given

Question No: 7 (Marks: 1) - Please choose one

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.

- ► Lazy evaluation
- ▶ Fast evaluation

Page 26

- ▶Process evaluation
- ►None of the given

Question No: 8 (Marks: 1) - Please choose one

If the dialog box procedure returns FALSE, then which message handling will be performed?



- **▶**Default
- ▶Instance
- **▶**Object
- ►None of the given

Question No: 9 (Marks: 1) - Please choose one

How many parameters take the dialog box procedure?

▶1

▶0

Page 27

▶6

▶4

Question No: 10 (Marks: 1) - Please choose one

What does hmenu mean?

- ► Handle to window
- ► Handle to the menu
- ► Handle to child window
- ► Handle to highest menu

Question No: 11 (Marks: 1) - Please choose one

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

- ▶When the user chooses a command item from a menu
- ▶When the system chooses a command item from a menu



Page 28

- ►When the user click on any window area
- ►When the system de-select the item menu

Question No: 12 (Marks: 1) - Please choose one

If the load menu function fails so what will be the return value.

- **▶**0
- **▶**False
- ▶Null
- **▶**1

Question No: 13 (Marks: 1) - Please choose one

Who generate a unique handle for each menu?

▶System

Page 29

- ▶User
- ▶Dialog box
- ►Menu Items

Question No: 14 (Marks: 1) - Please choose one

Which message function determined where to send message.

None of the given



- **▶**DispatchMessage
- ► Message Dispatch
- **▶**GetMessage
- ►None of the given

Question No: 15 (Marks: 1) - Please choose one

In 32-bit windows programming, we are freed from the curse of 64k segments.

Page 30

- **▶**True
- **▶**False

Question No: 16 (Marks: 1) - Please choose one

Which function we use to register windows classes in window?

- ▶RegisterClass();
- ▶RegistersClass();
- ▶RegisterWin();
- ►WinReg();

Question No: 17 (Marks: 1) - Please choose one

Which operator manipulates individual bits?

- ►Individual Bits
- ►Linked Bits
- ►Individual Bytes
- ►Linked Bytes



Page 31

```
Question No: 18 (Marks: 1) - Please choose one

Union Person

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

How many bytes will skip after executing ptr = ptr +1.

Union Person abc, *ptr;

Ptr = &abc;
    ptr = ptr +1;

▶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.
```

Page 32

▶38 bytes will skip after executing ptr = ptr +1.

Question No: 19 (Marks: 1) - Please choose one



double *ptr is pointer variable which stores double type address.

| ▶True |
|--|
| ▶False |
| Question No: 20 (Marks: 1) - Please choose one |
| is/are type(s) of macro. |
| ▶Object-like macro |

►All of the given

▶Function-like macro

►None of the given

Question No: 21 (Marks: 1) - Please choose one

Which of the following is not true about HTTP?

- ►It is a protocol
- ►It is stateless

Page 33

- ▶It is more difficult to implement than state-aware protocols
- ▶A web browser is HTTP client

Question No: 22 (Marks: 1) - Please choose one

For TCP/IP, if the port is specified as zero, the service provider assigns a unique port to the

application with a value between ______.

- ▶1 and 1024
- ▶1 and 4000
- ▶1024 and 5000



▶1024 and 10240

Question No: 23 (Marks: 1) - Please choose one

All bits in high word of a 32-bit pointer are ______.

- ►Non-zero
- ►Zero
- ▶Two
- ►None of the given

Question No: 24 (Marks: 1) - Please choose one

An accelerator _____ to correspond to a menu command.

▶Needs

▶Needs not

Page 34

- ►Is essential
- ►Is necessary

Question No: 25 (Marks: 1) - Please choose one

CGI stands for:

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

Question No: 26 (Marks: 1) - Please choose one

Which one of the following operations is common to both client and server sockets:



- **▶**Send
- **▶**Connect
- **▶**Accept
- ▶Bind

Question No: 27 (Marks: 1) - Please choose one

DLU is:

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

Page 35

►Name of a dialog

Question No: 28 (Marks: 1) - Please choose one

Neither the user nor the application can make the owner window active until the ______ is destroyed.

- ► Modeless dialog box
- ►Modal dialog box
- ►Child control
- ►All of the given

Question No: 29 (Marks: 1) - Please choose one

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

- ►WM_MENUITEMCLICKED
- ►WM_MENUCLICKED



►WM_COMMAND

►WM_PAINT

Question No: 30 (Marks: 1) - Please choose one

How many WM_CHAR messages will be generated when Shift+A key combination is pressed from keyboard and we haven't called TranslateMessage() before calling DispatchMessage() function?

▶0

▶1

Page 36

▶2

▶3

The total amount of storage available to all executing processes is the sum of the physical memory and the free space on disk available to the paging file.

True

False

The Virtual Address Space of each process is much ____ then Physical memory.

lower

smaller

little

larger

The Virtual Address Space of size __GB is used by process and ___ GB is used by the System.

1



2
3
4
The System uses the Virtual Address Space From _____ to_____.
0x00000000x00000000
0x80000000xFFFFFFFF

Page 37

| 0x00000000x7FFFFFF |
|-------------------------------------|
| The process can use a space from to |
| 0x00000000x00000000 |
| 0x00000000xFFFFFFF |
| 0x7FFFFFF0xFFFFFFF |
| 0x00000000x7FFFFFF |
| The Virtual |
| Address Space |
| is divided into partitions. |
| • |
| 2 |

0x7FFFFFFF0xFFFFFFF



| 4 |
|--|
| • |
| 5 |
| The |
| translates |
| the Virtual Address to Physical Address. |
| • |
| Process |
| • |
| Processor |
| • |
| Operating System |
| • |
| Virtual System |
| A is an internal data |
| structure |
| used to |
| translate virtual |
| address into |
| corresponding physical |
| addresses |
| • |
| |

Fiber



| Page Map |
|-------------|
| • |
| paging file |
| • |
| pages |

Fiber

Page 38

| The virtual Address used by a process represents the |
|---|
| actual |
| physical |
| location |
| of an ob ject in memory. |
| • |
| True |
| • |
| False |
| In 32bit MS Windows each have its own Virtual Address Space |
| • |
| Process |
| • |
| Thread |
| |



| • |
|---|
| None of the Above |
| A thread can access only the virtual address space of a process that belongs to |
| it. |
| • |
| True |
| • |
| False |
| A process in a 32bit MS |
| Windows |
| can have addressing up to of memory. |
| • |
| 1 |
| • |
| 2 |
| • |
| 3 |
| • |
| 4 |
| A runs in the context of a thread. |
| • |
| Process |

Thread

44



| Fiber |
|---|
| • |
| None of the Above |
| A runs in the context of a process. |
| • |
| Sub Process |
| • |
| Thread |
| • |
| A runs in the context of a process. Sub Process • |

Fiber

Thread

Page 39

None of the Above

A _____ is a unit of
execution
that must be
manually
scheduled by the application.

•
Process



| R. P. P. L. R. L. |
|---|
| www.ranapk.com |
| • |
| Fiber |
| • |
| None of the Above |
| A is the basic unit to which operating system allocates the processor |
| time. |
| • |
| Process |
| • |
| Thread |
| • |
| Fiber |
| • |
| None of the Above |
| The Operating System allocates the processor |
| System allocates the processor |
| System allocates the processor |
| System allocates the processor time to |
| |
| Process |
| • |
| Thread |
| • |
| Fiber |



| None of the Above |
|---|
| One or more can be run in the context of a process. |
| • |
| Process |
| • |
| Thread |
| • |
| Fiber |
| • |
| None of the Above |
| A is an executing program. |
| • |
| Process |
| • |
| Thread |
| • |

Page 40

None of the Above

To maximize the flexibility of the process's

memory

Fiber



management system can

| m | 0 | 1 | / | C |
|---|---|---|---|---|

pages of physical memory to and from a paging file on the disk.

True

_

False

The pages size in x86 Computers is _____.

.

4 bits

•

4 bytes

4 Kilobytes

4 Maga Bytes

4 Gaga Bytes

The size of pages depends on the host computer.

•

True

False

Physical Storage and the

Virtual



| | www.ianapk.com |
|---|---|
| , | Address Space of each process is organized in |
| | · |
| | • |
| | Pages |
| | • |
| | Page Map |
| | • |
| | paging file |
| | • |
| | Process Map |
| | A disk file used to increase the amount of physical storage is known as |
| | • |
| | Fiber |
| | • |
| | page map |
| | • |
| | paging file |

The total amount of storage available to all executing processes is the sum of the

physical memory and the free space on disk available to the paging file.

pages

Page 41



| Tue |
|---|
| |
| False |
| The Virtual Address Space of each process is much then Physical memory. |
| |
| ower |
| |
| maller |
| |
| ittle |
| |
| arge |
| |
| The Virtual Address Space of sizeGB is used by process and GB is used |
| by the System. |
| |
| |
| |
| |
| |
| 3 |
| |
| 4 |
| tell the operating system about the characteristics and physical layout of its windows. |
| |



| Select correct option: | |
|---|---------|
| Register Class | |
| Object Class | |
| Window Class | |
| Common Class | |
| There cannot be multiple messages in message queue. | |
| Select correct option: | |
| WM_ PAINT | |
| WM_TIMER | |
| WM_QUIT | |
| WParam | |
| | |
| 1 | Page 42 |
| | |
| | |
| Question # 4 of 10 (Start time: 06:57:31 PM) | |
| Total Marks: 1 | |

In Windows every running application is a _____

*(a+i) can also be written as _____

a[i] can also be written as *(a + i)

Select correct option:

a [i]

a[i+1]

*a

*a+1



| WWW.anapracom | |
|---|----|
| Select correct option: | |
| Pointer | |
| Process | |
| Array | |
| List | |
| What will be the entry point to a Windows program? | |
| Select correct option: | |
| WinMain | |
| Main | |
| Java.main | |
| System.main | |
| | |
| Page | 43 |
| | |
| | |
| Specific memory areas where parameters are copied are | |
| Select correct option: | |
| Stacks | |
| Arrays | |
| Queues | |
| Lists | |
| Name of Two dimensional array is the address of | |
| Select correct option: | |
| First Column | |

First Row



| Last Row | |
|--|-------|
| Last Column | |
| is the handle to icon associated with Window Class. | |
| Select correct option: | |
| hlcon | |
| hCursor | |
| HINSTANCE | |
| UINT | |
| GDI is implemented through | |
| Select correct option: | |
| GDI.dll | |
| | |
| Pag | ge 44 |
| | |
| | |
| Win32.dll | |
| GDI32.dll | |
| Kernel | |
| is unique identifier of the registered window class return by Registeredclass () | |
| Handle | |
| Cursor | |
| Object | |
| ATOM | |
| Static variables are made on memory location | |

Fixed



| | www.ranapk.com | |
|---------------------------------|--|---------|
| Stack | | |
| Pointer | | |
| Variable | | |
| responsible for Stack Rewinding | when called-function returns. | |
| Function | | |
| Pointer | | |
| Called function | | |
| Caller function | | |
| Ptr -> age is equivalent to | | |
| *ptr.age | | |
| ptr.age | | |
| | | |
| | | Page 45 |
| | | |
| | | |
| (ptr).age | | |
| (*ptr).age | | |
| Right side walay Correct hain | | |
| inserts a WM_C | QUIT message in the program's message queue. | |
| Select correct option: | | |
| PostQuitMessage (0) | | |
| WM_TIMER | | |
| KillTimer () | | |
| DispatchMessage () | | |

is used to check the predefined identifiers.



| www.ranapk.com | | | | |
|--|--|--|--|--|
| Select correct option: | | | | |
| #include | | | | |
| #ifdef | | | | |
| | | | | |
| Page 46 | | | | |
| | | | | |
| | | | | |
| #def | | | | |
| #elif | | | | |
| Click here to Save Answer & Move to Next Question | | | | |
| provides the functionality to create and manage screen windows and most basic controls | | | | |
| Select correct option: | | | | |
| GDI | | | | |
| Common Dialog Box | | | | |
| We can create a window using | | | | |
| Select correct option: | | | | |
| RegisterClass () | | | | |
| User Interface | | | | |
| is responsible for Stack Rewinding when called-function returns. | | | | |
| Select correct option: | | | | |

Function

Page 47



| Called function |
|---|
| Caller function |
| Click here to Save Answer & Move to Next Question |
| We can create a window using |
| Select correct option: |
| RegisterClass () |
| WNDClass |
| CreateWindow () |
| DestroyWinndow() |
| Click here to Save Answer & Move to Next Question |
| Name of Two dimensional array is the address of |
| Select correct option: |

Page 48

First Row

First Column

Pointer

Last Row

Last Column

Click here to Save Answer & Move to Next Question

what is a process???

what is Semaphore Object???



difference between short cut menu and main menu???

what is difference between windows procedure and dialogue procedure? 5 marks

what is modal and modal less dialogue? 3

what is spread sheet

what is function of hot key

mcqs were moslty from previous papers

Session 13-02-2011 5:00 PM (Final Term)

Toal Time 120 Minutes

Total 52 Qestion, 40 MCQ remaining of 2, 3 and two Questions of 5 marks

Other than MCQ following were:

Page 49

what is socket and name its differnt operations?

5 Marks

windows menu and Shortcut menu?

5 Marks

Diffrentiate between desktop window and applicatoin window?

3 Marks

what is htttp, what is pager and list view?

3 Marks

Define window menu

3 marks

what is property sheet



3 Marks

Dos and windows

2 Marks

Types of Brush

2 Marks

Define rebar

2 Marks

deleteObject(hBrush) what will it do?

2 Marks

Session 14-02-2011 7:30 AM (Final Term)

What are the System and non system keystrokes?

5 Marks

what are the basic Sockets Operations?

5 Marks

What are the tree parts of internet address

5 Marks

what happen if stack overflow message appear, which part will to deal to it? 5 Marks

why do we use #deine directives?

3 Marks

write 2 advanatage of threads?

2 Marks

what are the two types of Implicit type casting?



Page 50

Permalink

Muhammad Awais



Page 51

Permalink

Muhammad Awais

What will be the type of ptr_b?

int *ptr, ptr_b;



Question No: 18 (Marks: 1)

How many kinds of macros are there?

Question No: 19 (Marks: 2)

What are the GDI environment working space names?

Page 52

Question No: 22 (Marks: 10)

what are macros and its types? Explain it with example.

What is a process?



Question No: 32 (Marks: 2)

What is HTTP?

Question No: 33 (Marks: 2)

Page 53

Briefly define Modal Loop?

Question No: 34 (Marks: 3)

Define briefly Group Box?

Question No: 35 (Marks: 3)

Which are the three parts of name when using internet address family?

Question No: 36 (Marks: 3)

Define the names of resource-definition statements' categories?

Question No: 37 (Marks: 5)

State three differences between a Window Procedure and a Dialog Procedure?

Question No: 38 (Marks: 5)

Define the purpose of connect function with syntax. What does it return?

Question No: 39 (Marks: 10)

Page 54

Define Dynamic Link Libraries in detail? Also explain its relation with memory management?



Question No: 40 (Marks: 10)

Show the flow of server and client socket calls using block diagram?

Windows common controls are implemented in

Kernel32.dll

Comctl32.dll

User32.dll

Gdi32.dll

The application can load its resources when

res file is compiled

res file is linked to the executable file

rc file is compiled and but not linked yet

resource.h file is included

None of the above

is not possible to define our own window messages.

True

False

What information about the resources is placed in resource.h?

Definitions

Data structures

Identifiers

Editors

Size

Child window is confined to its parent's client area only.

True



Page 55

False

Explain the basic difference(s) between a message box and a dialog box.

A message box is a modal dialog box and the system creates it by using the same internal

functions that DialogBox uses

WM_INITDIALOG message is sent by the system:

Before creating the dialog

Before creating dialog and after displaying it

After creating and displaying the dialog

After creating the dialog and before making it visible

None of the above

What is the first step the application should do to draw, in a window without using WM_PAINT

message?

Quit device context

Release device context

Retrieve device context

Outline the shape to be drawn

Set the background color of the window

Explain why all the application related messages come directly to the modal dialog box if

it is active and not through its owner window's window procedure?

Identify the function which is used to change an existing item of the menu at run time

AppendMenu

InsertMenu



SetMenuItemInfo

ChangeMenu

AddMenuItemInfo

What are the benefit(s) of declaring a resource as DISCARDABLE?

When a dialog box is created which one of the following messages is generated?

 \blacktriangleright

WM_CREATE

ightharpoons

WM_DIALOGCREATE

 \blacktriangleright

WM_INITDIALOG

ightharpoons

WM_COMMAND

_

WM_DIALOGCOMMAND

Page 56

TreeView control is created using:

▶

CreateWindow function

▶

CreateWindowEx function

•



| | _ | | | | • | | |
|---|-----|-----|-----|------|------|-------|----|
| ı | rea | TEL | On' | rrnı | TIII | nctio | ır |

▶

None of the given options

▶

CreatTreeView function

Question No: 4 (Marks: 2) - Please choose one

Menu resource should be associated with a window while:

Creating window (not confirm)

ightharpoons

Registering window

▶

Repainting window

Creating or registering window

ightharpoons

Destroying window

Question No: 5 (Marks: 2) - Please choose one

Which of the following is an application defined message:

WM_COMMAND

▶

WM_SYSCOMMAND

•

WM_CREATE



>

WM_QUIT

$\mathsf{WM}_\mathsf{USER}$

*When a menu item is clicked, WM_COMMAND message is send and ID of this menu item is sent in:

*wParam

*IParam

*hInstance

*HWND

*Device-independed value represents

*Virtual key code

*Key code

*READOnly code

Page 57

*When we keep some key pressed for a long time, which one of the following technique keeps the message queue concise

*Older messages are discarded

*Call the GetKeyState() funtion

*Repeat Count contains how many times WM_KEYDOWN message was sent

How many WM_CHAR messages will be generated when Shift+A key



combination is pressed from keyboard and we haven't called

TranslateMessage() before calling DispatchMessage() function?

- *Which function is not used to handle a caret?
- *If we press an extended key from keyboard, the number of byte(s) sent to

keyboard buffer is (are):

- *We cannot convert the _____ into _____.
- *Screen co-ordinates, client area co-ordinates
- *Client area co-ordinates, screen co-ordinates
- *Non-Client area co-ordinates, screen co-ordinates
- *Screen co-ordinates, non-client area co-ordinates
- *Which one of the following controls cannot receive input focus?
- *Which function is not used to handle a caret?
- *Which of the following is compulsory about a keyboard accelerator?
- *Identifier of Keyboard accelerator must start with "ID_".
- *Accelerator and corresponding menu item must have identical identifiers.
- *You must not write DISCARDABLE in the resource script of accelerator.
- *all of given

Page 58

*What will be the icon of shortcut of executable file of an application that has no icon resource?

- *Default Window .exe file icon
- *Each application must have at least one icon



*No icon

*Visual C++ icon

*hat is the file extension of the resource file?

*.txt

*.cr

*.rc

*.ico

*If the load menu function fails so what will be the return value.

*In which parameter of "CreateWindow" function, we can specify the Menu.

*hInstance

*hmenu

*hWin

*dialoge box

Solved First Quiz CS410

Fall 2010

Question # 1 of 10 (Start time: 12:25:31 PM)

Total Marks: 1

A window receives this message when the user chooses a command from the window menu

Select correct option:

Page 59

WM_MENUSELECT

WM_MENUDRAW



WM_MENUNOTIFY

WM_SYSCOMMAND

Answer: WM_SYSCOMMAND

Question # 2 of 10 (Start time: 12:26:15 PM)

Total Marks: 1

All threads share the

Select correct option:

Virtual Address space

Page 60

Global variables

Operating system resources of their respective processes

All of given options

Answer: All of the given options

Question # 3 of 10 (Start time: 12:26:34 PM)

Total Marks: 1

A _____ is commonly used to handle background tasks

Select correct option:

Worker thread

User Interface thread

Page 61



Parent thread

Process thread

Answer: Worker Thread

Click here to Save Answer & Move to Next Question

Question # 4 of 10 (Start time: 12:27:24 PM)

Total Marks: 1

What will be the entry point to a Windows program?

Select correct option:

WinMain

Main

Java.main

Page 62

System.main

Answer: WinMain

Not Sure

Question # 5 of 10 (Start time: 12:28:20 PM)

Total Marks: 1

On which machines the scheduler can move individual threads to different processors to "balance" the CPU load.

Select correct option:

Miniprocessor



Multiprocessor

Doubleprocessor

None of given options

Page 63

64

| Answer: Multiprocessor | | | | |
|--|------|--|--|--|
| Question # 6 of 10 (Start time: 12:29:08 PM) | | | | |
| Total Marks: 1 | | | | |
| is one of user interface elements | | | | |
| Select correct option: | | | | |
| Accelerator | | | | |
| Message Loop | | | | |
| WinProc | | | | |
| None of given options | | | | |
| Answer: Accelerator | | | | |
| | | | | |
| | Page | | | |
| | | | | |
| | | | | |

handles user inputs and responds to user events independently.

Question # 7 of 10 (Start time: 12:30:37 PM)

Total Marks: 1



Select correct option:

User-Interface Thread

Worker Thread

Kernel Thread

None of given options

Answer: User-Interface Thread

A process consists of _____

Select correct option:

| Question # 8 of 10 (Start time: 12:31:32 PM) |
|--|
| Total Marks: 1 |
| If a window owns child Windows, and we destroy owner Window then |
| Select correct option: |
| Only owner window will be destroyed |
| Only its owned window will be destroyed |
| Both owner and owned Windows will be destroyed |
| The application will be crashed |
| Answer: Both owner and owned Windows will be destroyed |
| Question # 9 of 10 (Start time: 12:31:55 PM) |
| Total Marks: 1 |



Page 66

| one or more threads | |
|---|------------|
| code | |
| data | |
| All of given options | |
| Answer: all of given options | |
| Question # 10 of 10 (Start time: 12:32:08 PM) | |
| Total Marks: 1 | |
| determines that, which threads should run and when they should run? | |
| Select correct option: | |
| | |
| Page 6 | 5 7 |
| | |
| | |
| Scheduler | |
| Thread itself | |

Messages

▶True

▶False

None of the given options

C language is an extensible language.

Answer: Scheduler

74



```
Question No: 5 (Marks: 1) - Please choose one

Union Person

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

How many bytes will skip after executing ptr = ptr +1.

Union Person abc, *ptr;

Ptr = &abc;
    ptr = ptr +1;

▶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.
```

Page 68

GDI presents a?

▶device-independent view

▶device-dependent view

Question No: 2 (Marks: 1) - Please choose one

Question No: 6 (Marks: 1) - Please choose one

▶38 bytes will skip after executing ptr = ptr +1.

Identifier is not replaced if it appears



- ►In a comment
- ►With in a string
- ▶As a part of a long identifier
- ►All of given

Before you create an application window, you must register a window class by calling RegisterClass. This function requires a single parameter. What is that parameter and how will be the syntax of the structure?

Answwer:

The function requires a structure of type WNDClass as parameter. This structure includes two fields that are pointers to character strings, so the structure is defined two different ways in the WINUSER.H header file. First, there's the ASCII version, WNDCLASSA:

```
typedef struct tagWNDCLASSA
```

```
UINT style;
```

{

WNDPROC lpfnWndProc;

int cbClsExtra;

int cbWndExtra;

HINSTANCE hInstance;

HICON hIcon;

HCURSOR hCursor;

HBRUSH hbrBackground;

LPCSTR lpszMenuName;



```
LPCSTR lpszClassName;
}
WNDCLASSA, * PWNDCLASSA, NEAR * NPWNDCLASSA, FAR *
LPWNDCLASSA;
otal 40 marks
20 objective
20 subjective
q1 2Marks
3types of assertion and name them
q2 2Marks
write the complete syntax or "get parent function"
q3 3 Marks
if your program produces an error message that "stack over flow"
what is a likely source of the error
q4 3 Marks
write the characteristics of child windows?
q5 5Marks
explain "pointer to contant' and "constant pointer" using code..
1: Instance is related to
Instance handeling
2: Value of structure
```

3: variable pointer



- 4: Wipe window function used for destroy window
- 5: implicit and explicit typecasting
- 6: GDI provides developers
- 7: GUI stands for (Graphical user interface)
- 8: To draw text in windows command is used (drawtext)
- 9: which of the following is related to command line (MS DOS)
- 10: auto variable automatic initialize by zero
- 11: GDI environment
- .has limited colors (virtual, physical,logical,default)
- 12: stack revers command do the following with stack (washed,update,insert, replace)
- 13: OS has many type of windows ..(classes, array, queue, pointers)
- 14: A window can have many children and may or may not have one(thread, process, parent, subprocess)

15:

- . Function finds window with given class name or window name(find window)
- 16: int *ptr (integer value)
- 17: we can use
- . as an alternative method of commanding out code (#elif)

- 18: To show window on screen API is used (Display window)
- 19: All
- .. share virtual address space (function, local variable, process. Threads,)



20:

.. is used normally in word processing applications (Multicasting, Single threading,

single casting, Multithreading)

21: Every application has its own message queue (Describe?)

21: In GDI two working space . just give name

Client area

Nonclient area

23: What will happen if GetUpdateRect returns zero?

24: Define Client area?

25: WIN MAIN describe with detail

26: Write syntex of GetParent?

Stdcall and _cdecl call convention(5)

Properties of child window(5)

Message queues of each application(2)

infinite recursion(3)

Paint function usage(3)

Diff. b/w Desktop Window and Application Window.....(5)

show the implementation of _cdecl calling convolution with respect to (5)

1: Argument passing order.

2: stack maintenance responsibility.

3: name decoration convention.

What happened if GetUpdateWn returns zero.....(3)

If GetUpdateRect returns zero, the application should not call the BeginPaint and EndPaint functions.

A window may have more than one windows inside it explain the line...(2)



What is the funtion of ws_paint in Windows class......(3)

WM_PAINT tells the window procedure that the window's client area has changed and must be repainted.

- * Stack 2 marks
- * Message queuing 2 marks

Message Queue is created when every any GDI function call is made or sendmessage or post message function calls are made. Message Queue can be attached to every thread either it is User interface thread or worker threads. User Interface threads always a message queue

* Kernal tasks 3marks

Kernel is the heart of Operating system

* _Stdcall and _cdcel call 5 marks

Page 71

cdecl and __stdcall just tells the compiler whether the called function or the calling function cleans up the stack. In __stdcall calling convention, the called function cleans up the stack when it is about to return. So if it is called in a bunch of different places, all of those calls do not need to extra code to clean up the stack after the function call.

In __cdecl calling convention, it is the caller function that is responsible for cleaning the stack, so every function call must also need to include extra code to clean up the stack after the function call.

- * erase window function expmanation 5marks
- * Clipboard Working 3mraks

We can use it for copying the data from one file to the other in same format.e.g from notepad to



MS Word.

Q2: write down complete syntax of "getDC" function?(2)

The system retrieves a device context from the cache whenever an application calls the GetDC

or BeginPaint function; the system returns the

DC to the cache when the application subsequently calls the ReleaseDC or EndPaint

function.

Diff. b/w Desktop Window and Application Window.....(5)

show the implementation of _cdecl calling convolution with respect to (5)

1: Argument passing order.

2: stack maintenance responsibility.

3: name decoration convention.

What happened if GetUpdateWn returns zero.....(3)

A window may have more than one windows inside it explain the line...(2)

What is the funtion of ws_paint in Windows class......(3)

Stdcall and _cdecl call convention(5)

Properties of child window(5)

Message queues of each application(2)

infinite recursion(3)

Paint function usage(3)

Q1: what is stack?(2)

Q2: write down complete syntax of "getDC" function?(2)

Q3:what is extern storage class?3()

Q4:an application can set up for itself any logical coodinates system, using API. write down any

two.(3)

Q5: what happend if an application does not process WM_ErasebkGrd massage but pass it



defWindowProcs.(5)

Q6: show the implementation of _cdecl calling convolution with respect to (5)

Result of ______ of two bits is TRUE (1) if only if both are TRUE (1)

1: Argument passing order.

2: stack maintaince responsibility.

| OR (I) |
|--|
| XOR |
| AND (&) |
| NOR |
| inserts a WM_QUIT message in the program's message queue. |
| PostQuitMessage (0) |
| WM_TIMER |
| KillTimer () |
| DispatchMessage () |
| Specific memory areas where parameters are copied are |
| Stacks |
| Arrays |
| Queues |
| Lists |
| is responsible for Stack Rewinding when called-function returns. |
| Function |



Pointer

Called function

connects ocket

Caller function (not sure)

| DOS boxes are also called |
|--|
| Select correct option: |
| Main Window |
| Console Window |
| Dialogue Box |
| Arrays |
| : In Windows every running application is a |
| Select correct option: |
| Pointer |
| Process |
| Array |
| List |
| Quiz |
| The function establishes a connection to a specified socket. |
| Select correct option: |
| connect |
| attach |



| HTTP is a |
|------------------------------|
| Select correct option: |
| Text Translation Protocol |
| Text Transport Protocol |
| Text Transformation Protocol |
| None of given options |

attachsocket

Page 74

Winsock follows the _____ model

Select correct option:

Windows open System Architecture

Windows Open Service Architecture

Windows Open System Access

Window Open Service Access

DNS is an industry-standard protocol used to locate computers on an IP-based networks

Select correct option:

TRUE

FALSE

HTTP status code "400" (Bad Request) means:

Select correct option:

Request message not understood by server

Requested document not found on this server



Requested document has been moved to some other location

All of given options

| Which character is NOT permitted in a URL |
|--|
| Select correct option: |
| Space |
| Underscore (_) |
| Dot (.) |
| Digits (0 to 9) |
| The function permits an incoming connection attempt on a socket. |
| Select correct option: |
| accept |
| receive |
| acknowledge |
| none of given options |
| The function receives data from a connected or bound socket. |
| Select correct option: |
| recv |
| receive |
| get |
| collect |



Page 76

| If no error occurs, "bind" function returns zero. |
|--|
| Select correct option: |
| TRUE |
| FALSE |
| handles user inputs and responds to user events independently. |
| Select correct option: |
| User-Interface Thread |
| Worker Thread |
| Kernel Thread |
| None of given options |
| is the smallest rectangle enclosing the portion of a window or client area affected by recent |
| drawing operations |
| Select correct option: |
| Invalid Rectangle |
| Accumulated Bounding Rectangle |
| Accumulated Client Rect |
| All of the given options |
| The function writes a character string at the specified location, using the currently selected font, |
| background color, and text color |



| Select correct option: |
|---|
| printf() |
| PrintText() |
| TextOut() |
| cout<< |
| Whenever a window is resized, system sends "WM_SIZING" message to the application that owns the |
| window |
| Select correct option: |
| TRUE |
| FALSE |
| A is commonly used to handle background tasks |
| Select correct option: |
| Worker thread |
| User Interface thread |
| Parent thread |
| Process thread |
| The function draws a rectangle |
| Select correct option: |
| SetRectCoords() |
| ShowRectangle() |
| DrawRectangle() |



| Rectangle() |
|---|
| In the GDI environment there are two working spaces: |
| Select correct option: |
| Logical and the Physical |
| Local and the Global |
| Static and the Dynamic |
| Direct and the Indirect |
| The function retrieves a handle to one of the stock pens, brushes, fonts, or palettes |
| Select correct option: |
| GetStockGDI |
| GetStockDC |
| GetStockObject |
| None of the given options |
| defines a class that adds new functionality to a predefined Window class |
| Select correct option: |
| Sub-Classing |
| Coupling |
| Super-Classing |

Page 79

The system paints the background for a window or gives the window, the opportunity to do so by

None of given options



sending it a _____ message

Select correct option:

WM_FILLBKGND

WM_ERASEBKGND

WM_SYSCOMMAND

WM_OVERLAPP