CS410 - Visual Programming

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:
   ► 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()
   ► 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

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
- ► 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
- ► 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
- ► 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
- ► User
- ► Dialog box
- ► Menu Items

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

Which message function determined where to send message.
- ► DispatchMessage
- ► MessageDispatch
- ► 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.
- ► 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

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.
- ► 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
- ► Function-like macro
- ► All of the given
- ► 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
- ► It is more difficult to implement than state-aware protocols
- ► A web browser is HTTP client

FINAL TERM

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
- ► 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
- ► 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
- ► 2
- ► 3

Question No: 31   (Marks: 2)

What is a process?

Question No: 32   (Marks: 2)

What is HTTP?

Question No: 33   (Marks: 2)

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?

FINAL TERM

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)

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?