

Ref No: 318702
Time: 120 min
Marks: 75

Student Info	
StudentID:	
Center:	OPKST
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[illegible]

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.

None of the given

- ▶ 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

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

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?

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?