

## MIDTERM EXAMINATION

Spring 2010

IT430- E-Commerce (Session - 5)

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

Network addresses 128--- 191 range belongs to which of the following class networks?

- A
- ► **B p#10**
- ► C
- ► E

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

Which of the following is true for Class A:

- **Network 01 byte and 03 hosts Page#10**
- Network 02 bytes and 02 hosts
- Network 03 bytes and 01 host
- None of these

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

Which one is not included in the networking topologies?

- Star Topology
- Bus Topology
- **Media Topology**
- Ring Topology

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

What is the correct HTML for making a hyperlink?

- `<a name="http://www.vu.edu.pk">Virtual university</a>`
- **`<a href=" http://www.vu.edu.pk "> Virtual university </a> pge#23`**
- `<a>http://www. vu.edu.pk </a>`
- `<a url="http://www. vu.edu.pk "> Virtual university of pakistan</a>`

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

**What is the correct HTML for making a text input field?**

- `<textinput type="text">`
- **`<input type="text">`(Afaaq)**

- ▶ <input type="textfield">
- ▶ <textfield>

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

If we leave out the target attribute in frame tag and link was clicked ,the document loads into the window

▶ **In Same page (Afaaq)**

- ▶ In other blank page.
- ▶ To display browser error.
- ▶ All of the options.

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

Where in an HTML document is the correct place to refer to an external style sheet?

- ▶ In the <body> section
- ▶ At the end of the document
- ▶ **In the <head> section (Afaaq)**
- ▶ At the top of the document

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

**How do you write a conditional statement for executing some statements only if "i" is equal to 5?**

- ▶ if i=5
- ▶ if i=5 then
- ▶ if i==5 then
- ▶ **if (i==5) p#58 (Afaaq)**

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

**Which of the following is used to get remote access of any computer on a network?**

- ▶ Trojan Horse
- ▶ Backdoor
- ▶ Virus
- ▶ **All of these P#94 (Afaaq)**

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

**PPP stands for**

- ▶ **Point to Point Protocol (Afaaq)**
- ▶ Post to Post Protocol
- ▶ Point to Post Protocol
- ▶ None of these

**Question No: 11 ( Marks: 1 ) - Please choose one**  
JavaScript is mainly a \_\_\_\_\_ language.

- ▶ Server Side Scripting
- ▶ Cross Side Scripting
- ▶ **Client Side Scripting P#79 (Afaaq)**
- ▶ both Cross and Server Side Scripting

**Question No: 12 ( Marks: 1 ) - Please choose one**  
Inside which HTML element do we put the JavaScript?

- ▶ <scripting>
- ▶ <javascript>
- ▶ **<script> p#57 (Afaaq)**
- ▶ <js>

**Question No: 13 ( Marks: 1 ) - Please choose one**  
a++; is the same as which of the following?

- ▶ a=a\*1;
- ▶ a=a+2;
- ▶ a=1+2;
- ▶ **a=a+1; (Afaaq)**

**Question No: 14 ( Marks: 1 ) - Please choose one**  
If a web server is bombarded with thousands of HTTP requests, that would be an example of -----.

- ▶ sniffing
- ▶ password attack
- ▶ man in the middle attack
- ▶ **denial of service attack P#95 (Afaaq)**

**Question No: 15 ( Marks: 1 ) - Please choose one**  
Outside attacks on a network include the following, EXCEPT ----- .

- ▶ **Password attack p#95 (Afaaq)**
- ▶ DoS
- ▶ Back doors
- ▶ IP spoofing

**Question No: 16 ( Marks: 1 ) - Please choose one**  
Digital signature uses ----- .

- ▶ Symmetric cryptography
- ▶ **Public key cryptography p#100 (Afaaq)**

- ▶ Private key cryptography
- ▶ Hash function

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

In star topology, If hub fails, the entire network also fails.

▶ **True** (Afaaq)

▶ False

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

Which one is the correct CSS syntax?

▶ **h1 {font-size:72pt} p#38** (Afaaq)

▶ h1:font-size=72pt

▶ {h1:font-size=72pt}

▶ {h1;font-size:72pt}

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

In CSS, How do you make each word in a text start with a capital letter?

▶ **text-transform:capitalize P#46** (Afaaq)

▶ text-transform:uppercase

▶ text:capitalize

▶ You can't do that with CSS

**Question No: 20 ( Marks: 1 ) - Please choose one**

Which of the following is the default alignment in HTML?

▶ **Left** (Afaaq)

▶ Center

▶ Right

▶ None

**Question No: 21 ( Marks: 2 )**

What is Term „Catalog Display” means?

It provides photos, detailed description and search facility about the availability of products or items.

It is simple list written in HTML. Some has to edit the HTML code to change it. Dynamic catalog stores information in a database.

**Question No: 22 ( Marks: 2 )**

What is meant by a constructor?

Page #69

It is initializing function used to create copy of an object. It

is after the name of the object whose constructor it is.

**Question No: 23 ( Marks: 3 )**

What is meant by „Shopping Cart“ in context of e-commerce?

Page #92

It is an electronic shopping cart or basket that keeps record of the items the customer has select and allow him to view the details of the items selected.

He/she can add new items or remove items. To order an item, a customer simply clicks at that item option. All details of that item like product No. Item name and its price store in cart automatically.

**Question No: 24 ( Marks: 3 )**

We have an array named myArray where this sentence is stored. “Welcome to Virtual University!”

If we apply str.split( ) method.

What will be the output of str.split( )myArray(4) and str.split( )myArray(2) respectively.

Str.Split split the string based on the blank spaces.

str.split( )myArray(4) = blank

str.split( )myArray(2) = virtual

**Question No: 25 ( Marks: 5 )**

Describe the importance of Cryptography in internet data transfer security in E-Commerce?

Page #98 & 100

It is a collection of mathematical techniques used to ensure confidentiality of information. The process of scrambling a message with the help of a key is called Encryption.

Now a days as internet is widely used So danger of data safety and security also arise. Compare to its earlier use. It provides the Transaction Integrity. Transaction detail of both the parties can be verified which help to built the confidence between business communities. It provide Privacy like it provide controls to prevent third parties from getting access to the information within the transaction. Without cryptography, it is doubtful that banks, businesses and individuals would feel safe doing business online.

Cryptography provides the confidence to the customer that

their data is safe and secure. Otherwise due to lack of confidence and doubt e-commerce business can not flourish.

**Question No: 26 ( Marks: 5 )**

Write a list of comparison operators in JavaScript with symbols.

Page #58

1. <= less than equal
2. >= Greater than equal
3. == for Equal
4. != not equal
5. < Less than

**MIDTERM EXAMINATION**

**Spring 2010**

**IT430- E-Commerce (Session - 6)**

Question No: 1 ( Marks: 1 ) - Please choose one Academic institutions, religious organizations and government using ----- e-commerce classification

- ▶ Business-to-Business(B2B)
- ▶ Intra Business
- ▶ Non Business EC p#2
- ▶ Business-to-consumer(B2C)

Question No: 2 ( Marks: 1 ) - Please choose one In which protocol, the messages are not deleted from email server.

- ▶ SMTP
- ▶ POP3
- ▶ IMAP p#18
- ▶ ICMP

in case of IMAP the message is not deleted in the email server and thus can be reopened from another location/machine.

Question No: 3 ( Marks: 1 ) - Please choose one What is the correct HTML tag for adding a background color?

- ▶ <background>yellow</background>
- ▶ <body bgcolor="yellow">

▶ `<body color="yellow">`

▶ None

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

Which HTML tag is used to define an internal style sheet?

▶ `<css>`

▶ `<script>`

▶ `<style>` (Ans)

▶ `<sheet>`

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

What is the correct HTML for making a hyperlink?

▶ `<a`

`href="http://www.w3schools.com">W3Schools</a>`

(Ans)

▶ `<a`

`name="http://www.w3schools.com">W3Schools.com</a`

`>`

▶ `<a`

`url="http://www.w3schools.com">W3Schools.com</a>`

▶ `<a>http://www.w3schools.com</a>`

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

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▶ In Same page

▶ In other blank page.

▶ To display browser error.

▶ All of the options.

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

What does mean by != comparison operator?

▶ Equal to

▶ Not

▶ Equal

▶ Not Equal p#58

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

What does the string. match ("abc") object do?

▶ Concatenates the "abc" word to other "abc" words

▶ Matches the "abc" words with other "abc" words

- ▶ It does replacement of abc word with other words
- ▶ All of the above

Question No: 9 ( Marks: 1 ) - Please choose one  
var txt="Hello World!" document.write(txt.length), it  
would return the length as.

- ▶ 10
- ▶ 11
- ▶ **12**

[http://www.w3schools.com/js/js\\_obj\\_string.asp](http://www.w3schools.com/js/js_obj_string.asp)  
(Afaq)

- ▶ 13

Question No: 10 ( Marks: 1 ) - Please choose one  
Which of the following property falls in HTTP?

- ▶ Stateless (Ans)
- ▶ Stateful
- ▶ Temporary
- ▶ All of these

Question No: 11 ( Marks: 1 ) - Please choose one  
Which one of the following certifies the binding between  
public key and its owner.

- ▶ CA
- ▶ KDC
- ▶ TLS
- ▶ Firewall

Question No: 12 ( Marks: 1 ) - Please choose one  
Cyclical Redundancy Check (CRC), takes place in which layer  
of OSI Model.

- ▶ Session Layer
- ▶ Transport Layer
- ▶ Network Layer
- ▶ **Data link layer p#6**

Question No: 13 ( Marks: 1 ) - Please choose one  
How can you convert information consisting of comma  
separated values into an array?

- ▶ txtArray = txt.indexOf(',');
  - ▶ txtArray = txt.split(',');
- page 70

- ▶ txtArray = txt.trim(',');
- ▶ txtArray = txt.substring(',');

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

The control statement on a while loop is tested

- ▶ before each time through the loop
- ▶ after each time through the loop
- ▶ once at the start
- ▶ once at the end

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

Which SQL statement is used to delete data from a database?

- ▶ DELETE
- ▶ COLLAPSE
- ▶ REMOVE
- ▶ DISCARD

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

A program that performs a specific function such as creating invoices/bills or processing payment received from customers is called a/an -----.

- ▶ Middleware
- ▶ Web Service
- ▶ CRM Software

▶ **Application Program page 92(Afaaq)**

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

Which firewall uses strong user authentication to verify identity of a host attempting to connect to the network?

- ▶ Packet filter firewall
- ▶ Circuit level firewall
- ▶ Application gateway firewall p#96
- ▶ Hybrid firewall

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

In what form are style rules presented?

▶ **Selector { property: value }**

**<http://www.brainjar.com/css/using/Afaaq>**

- ▶ selector { property= value }

- ▶ selector ( property: value )
- ▶ selector ( property= value )

Question No: 19 ( Marks: 1 ) - Please choose one  
Why we use reset tag in HTML?

- ▶ To remove the text written in Notepad.
- ▶ To remove the text written in between <body> and </body> tag.
- ▶ To remove the text written in between <head> and </head> tag.
- ▶ To remove the text written in between <form> and </form> tag.

Question No: 20 ( Marks: 1 ) - Please choose one  
When data moves upward in the OSI stack it is called

- ▶ Encapsulation
- ▶ **De-encapsulation**

**Page # 5 (Afaaq)**

- ▶ Synchronization
- ▶ None of these

Question No: 21 ( Marks: 2 )  
What does PPTP stand for?

Ans:

PPTP stands for point to point transfer protocol.

Question No: 22 ( Marks: 2 )

What are the keywords to define a variable and a function in JavaScript?

“var” is the keyword used to define a variable in Javascript  
e.g var a;

“function” is the keyword to define a function in javascript  
e.g function myfunction()

Question No: 23 ( Marks: 3 )

Identify the object, property and method in the following:

Math.sin(45)

Math.PI

Ans:

Math is the object in above case

PI is the property of Math object

Sin() is the method of Math object

Question No: 24 ( Marks: 3 )

Performance of web servers can be evaluated mainly on the basis of two factors. What are they?

Ans:

We can evaluate web servers performance by below basic factors.

1. Response time.

2. Request process time.

1. this is one of the basic factor to evaluate the web server process, we can evaluate performance of web server by its response time, once you write web add how long it take to open its home page.

2. Secondly we can evaluate performance of web server by the time which server take to do process, suppose you submit some query or you did some transaction how long it will take to process it. By this way also we can evaluate performance of a web server.

Question No: 25 ( Marks: 5 )

Write the code for a web page displaying a button named "Testing". After clicking that button an alert should be displayed saying "The test is successful".

```
<html>
```

```
<head>
```

```
<script type="text/javascript">
```

```
function sndAlert()
```

```
{
```

```
window.alert("The test is successful!!!");
```

```
}
```

```
</script>
```

```
</head>
```

```
<body>
```

```
<FORM
```

```
NAME="form1">
```

```
<INPUT TYPE="Button" name="showAlert" VALUE="Show  
Alert"
```

```
onclick="sndAlert()">
```

```
</FORM>
```

```
</body>
```

```
</html>
```

Question No: 26 ( Marks: 5 )

What is the difference between an interpreted and a compiled language? Give one example of each.

Ans:

In a compiled language we compile to code or convert into machine language using a software called compiler as we can case C++

Example C++

with interpret language we interpret the code (line by line) at run time using a program called interpreter browser is an interpreter.

Example Browser...

## **MIDTERM EXAMINATION**

**Spring 2010**

**IT430- E-Commerce (Session - 6)**

**Solved**

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

For which of the following we need to know the classification of E-commerce?

▶ **Market planning strategy (Afaaq)**

- ▶ Build Mission statement
- ▶ Management strategy
- ▶ none

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

Switch is a device that joins multiple computers together within one local area network (LAN).

▶ **True (Afaaq)**

- ▶ False

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

In which protocol, the messages are not deleted from email server.

- ▶ SMTP
- ▶ POP3
- ▶ **IMAP (Afaaq)**
- ▶ ICMP

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

How can you open a link in a new browser window?

- ▶ <a href="/url" target="new">
- ▶ **<a href="/url" target="\_blank"> (Afaaq)**

- ▶ `<a href="/url" new>`
- ▶ None of these

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

What does the Target= "\_top" tag perform?

- ▶ Loads the new page into the same frame
- ▶ **Loads the new page into the entire window (Afaaq)**
- ▶ Loads the new page into a new browser window
- ▶ All of the above

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

Which attribute is used in a tag to control the layout of element?

- ▶ view
- ▶ css
- ▶ **Style (Afaaq)**
- ▶ Layout

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

Choose the correct HTML code line which left-align the content inside a tablecell.

- ▶ `<td leftalign>`
- ▶ `<td valign="left">`
- ▶ **`<td align="left">` (Afaaq)**
- ▶ `<tdleft>`

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

Where in an HTML document is the correct place to refer to an external style sheet?

- ▶ In the `<body>` section
- ▶ At the end of the document
- ▶ **In the `<head>` section (Afaaq)**
- ▶ At the top of the document

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

When you declare a variable within a function, the variable can only be accessed within that function. When you exit the function, the variable is destroyed. These variables are called

- ▶ **Local Variables (Afaaq)**
- ▶ Global Variables

- ▶ Local and Global
- ▶ None of the above

Question No: 10 ( Marks: 1 ) - Please choose one  
Constructor is defined as the initializing function used to create.....

- ▶ Instance of object
- ▶ Copy of object
- ▶ **Instance / copy of object p#69 (Afaaq)**
- ▶ Shallow copy of object

Question No: 11 ( Marks: 1 ) - Please choose one  
What does XML stand for?

- ▶ eXtra Modern Link
- ▶ X-Markup Language
- ▶ **eXtensible Markup Language p#74 (Afaaq)**
- ▶ Example Markup Language

Question No: 12 ( Marks: 1 ) - Please choose one  
For which of following purpose the Firewall is used ?

- ▶ Efficient working
- ▶ **Protection against security attacks p#96 (Afaaq)**
- ▶ Networking purpose
- ▶ None of these

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

- ▶ **Point to Point Protocol (Afaaq)**
- ▶ Post to Post Protocol
- ▶ Point to Post Protocol
- ▶ None of these

Question No: 14 ( Marks: 1 ) - Please choose one  
Which of the following is NOT processed on the client side?

- ▶ Cookies
- ▶ JavaScript
- ▶ **CGI scripts (Afaaq)**
- ▶ Applets
- ▶ Cookies

Question No: 15 ( Marks: 1 ) - Please choose one  
Firewall is used to

I - examine the data entering the network  
II - examine the data leaving the network  
III - filter the data according to certain rules

▶ I, II and III p#96 (**Afaaq**)

- ▶ I only
- ▶ I and III only
- ▶ I and II only

Question No: 16 ( Marks: 1 ) - Please choose one  
Which firewall uses strong user authentication to verify identity of a host attempting to connect to the network?

- ▶ Packet filter firewall
- ▶ Circuit level firewall
- ▶ Application gateway firewall p#96 (**Afaaq**)
- ▶ Hybrid firewall

Question No: 17 ( Marks: 1 ) - Please choose one  
Bus networks is same as the system bus of a computer.

- ▶ True
- ▶ False (**Afaaq**)

Question No: 18 ( Marks: 1 ) - Please choose one  
In Style Sheets, How do you add a background color for all "<h1>" elements?

- ▶ all.h1 {background-color:#FFFFFF}
- ▶ h1.all {background-color:#FFFFFF}
- ▶ h1 {background-color:#FFFFFF} (**Afaaq**)
- ▶ h1 {bgcolor:#FFFFFF}

Question No: 19 ( Marks: 1 ) - Please choose one  
How do you make each word in a text start with a capital letter?

- ▶ text-transform:capitalize
- ▶ text-transform:first\_capitalize. P#46 (**Afaaq**)
- ▶ Cann t be possible with CSS
- ▶ text-transform:uppercase

Question No: 20 ( Marks: 1 ) - Please choose one  
MAC address is written in

- Binary form ▶ 0-1
- Decimal ▶ form 0-9

Hexadecimal form 0-f ► **(Afaq)**

None of ► these

Question No: 21 ( Marks: 2 )

What is a web server?

Answer : Web server – machine that services internet request.

Web server You know that web server is a machine that serves up the web page requests of a client on the internet. It is a combination of hardware and software. Decision as regards the type of a web server is largely dependent on the volume and type of web activities. So, transaction processing sites generating dynamic pages with high traffic volumes would need web server software that is more efficient and can easily be upgraded.

Question No: 22 ( Marks: 2 )

What does „parseFloat(string) And NaN mean?

The parseFloat() function parses a string and returns a floating point number. This function determines if the first character in the specified string is a number. If it is, it parses the string until it reaches the end of the number, and returns the number as a number, not as a string.

The NaN property represents "Not-a-Number" value. This property indicates that a value is not a legal number.

Question No: 23 ( Marks: 3 )

Write at least three rules for writing an XML code.

P #76

Rules for writing an XML code

-All elements must be properly nested

<outer><inner>content</inner></outer>

-All attribute values must be quoted <FRIGS  
SIZE="LARGE">

-All elements with empty content must be identified by ending in />

Question No: 24 ( Marks: 3 )

How „Man in The middle Attacks operates?

Man in the middle attacks

In it the attacker is able to monitor, capture and control data

between sending and receiving machines. He may apply IP address spoofing technique to divert the packets to its machine, then modify the packets and resend the misleading information to the actual client. Another form of man-in-the-middle

attack is where the hacker is able to substitute the IP address of a genuine web site with the IP address of his own web site due to some security hole in the software that runs on a domain name server. A client would think that he is communicating or receiving the information from a genuine web site, though it would not be the case actually.

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Alert"
onclick="sndAlert()">
</FORM>
</body>
</html>
```

Question No: 26 ( Marks: 5 )

Differentiate between front end and back end.

Answer: Front end consists of that information which is visible to the user and he can interact with the same through some interface. The back end comprises that information which resides on the server side and is used to

create certain dynamic results for the user. It would include different programs or scripts that may be developed in different languages/tools. Backend is mainly used for two purposes – for querying with the databases and for the maintenance of state. We can use different tools (ASP, JSP etc.) for that purpose depending upon their respective advantages/disadvantages.

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**Spring 2010**

**IT430- E-Commerce (Session - 6)**

**Solved**

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Bus networks is same as the system bus of a computer.

- ▶ True
- ▶ **False (Afaaq)**

Question No: 18 ( Marks: 1 ) - Please choose one  
In Style Sheets, How do you add a background color for all "<h1>" elements?

- ▶ all.h1 {background-color:#FFFFFF}
- ▶ h1.all {background-color:#FFFFFF}
- ▶ **h1 {background-color:#FFFFFF} (Afaaq)**
- ▶ h1 {bgcolor:#FFFFFF}

Question No: 19 ( Marks: 1 ) - Please choose one  
How do you make each word in a text start with a capital letter?

- ▶ text-transform:capitalize
- ▶ **text-transform:first\_capitalize. P#46 (Afaaq)**
- ▶ Can't be possible with CSS
- ▶ text-transform:uppercase

Question No: 20 ( Marks: 1 ) - Please choose one  
MAC address is written in

- Binary form ▶ 0-1
- Decimal ▶ form 0-9
- Hexadecimal form 0-f ▶ (Afaaq)**
- None of ▶ these

Question No: 21 ( Marks: 2 )  
What is a web server?

Answer : Web server – machine that services internet request.

Web server You know that web server is a machine that serves up the web page requests of a client on the internet. It is a combination of hardware and software. Decision as regards the type of a web server is largely dependent on the volume and type of web activities. So, transaction processing sites generating dynamic pages with high traffic volumes would need web server software that is more efficient and can easily be upgraded.

Question No: 22 ( Marks: 2 )

What does „parseFloat(string) And NaN mean?

The parseFloat() function parses a string and returns a floating point number. This function determines if the first character in the specified string is a number. If it is, it parses the string until it reaches the end of the number, and returns the number as a number, not as a string.

The NaN property represents "Not-a-Number" value. This property indicates that a value is not a legal number.

Question No: 23 ( Marks: 3 )

Write at least three rules for writing an XML code.

P #76

Rules for writing an XML code

-All elements must be properly nested

<outer><inner>content</inner></outer>

-All attribute values must be quoted <FRIGS SIZE="LARGE">

-All elements with empty content must be identified by ending in />

Question No: 24 ( Marks: 3 )

How „Man in The middle Attacks operates?

Man in the middle attacks

In it the attacker is able to monitor, capture and control data between sending and receiving machines. He may apply IP address spoofing technique to divert the packets to its machine, then modify the packets and resend the misleading information to the actual client. Another form of man-in-the-middle

attack is where the hacker is able to substitute the IP address of a genuine web site with the IP address of his own web site due to some security hole in the software that runs on a domain name server. A client would think that he is communicating or receiving the information form a genuine web site, though it would not be the case actually.

Question No: 25 (Marks: 5)

Write the code for a web page displaying a button named "Testing". After clicking that button an alert should be displayed saying "The test is successful".

```
<html>
<head>
<script type="text/javascript">
function sndAlert()
{
window.alert("The test is successful!!!");
}
</script>
</head>
<body>
<FORM
NAME="form1">
<INPUT TYPE="Button" name="showAlert" VALUE="Show
Alert"
onclick="sndAlert()">
</FORM>
</body>
</html>
```

Question No: 26 ( Marks: 5 )

Differentiate between front end and back end.

Answer: Front end consists of that information which is visible to the user and he can interact with the same through some interface. The back end comprises that information which resides on the server side and is used to create certain dynamic results for the user. It would include different programs or scripts that may be developed in different languages/tools. Backend is mainly used for two purposes – for querying with the databases and for the maintenance of state. We can use different tools (ASP, JSP etc.) for that purpose depending upon their respective advantages/disadvantages.

**MIDTERM EXAMINATION**

**Spring 2010**

**IT430- E-Commerce (Session - 6)**

**Solved**

Question No: 1 ( Marks: 1 ) - Please choose one  
MAC stand for

▶ **Media Access Control (Afaq)**

**Page #13**

- ▶ Media Access Consortium
- ▶ Member of Asian Community
- ▶ None of these

Question No: 2 ( Marks: 1 ) - Please choose one  
Choose the correct HTML tag for the largest heading

- ▶ <head>
- ▶ **<h1> Page #75 (<h1>planets</h1>)(Afaq)**
- ▶ <Heading>
- ▶ <h6>

Question No: 3 ( Marks: 1 ) - Please choose one  
Which of the following tags are used for embedding sound  
files into HTML code?

- ▶ <A href="song.wav">
- ▶ <EMBED SRC="Skylar.MP3">
- ▶ **<A href="song.wav"> and <EMBED SRC="Skylar.MP3"> P #37(Afaq)**
- ▶ None of these

Do correction in all midterm file J

Question No:44 answer is 3rd

Question No: 4 ( Marks: 1 ) - Please choose one  
Which of the following is NOT an advantage of CSS ?

- ▶ **Works on version 4 browsers or newer(Afaq)**
- ▶ Define the look of your pages in one place
- ▶ Easily change the look
- ▶ Implement same formatting each time tag is used.

Question No: 5 ( Marks: 1 ) - Please choose one  
Which of the following is correct line to add separated css  
file with name xxxx.css?

- ▶ **<link scr=stylesheet href="/xxxx.css"  
type="text/css">**

▶ `<link rel=stylesheet href="/xxxx.css" type="text/css">` p#39(Afaaq)

▶ `<style rel=stylesheet href="/xxxx.css" type="text/css">`

▶ `<link rel=stylesheet scr="xxxx.css" type="text/css">`

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

Which of the following is correct syntax to define color in CSS?

▶ `body {color: black}` (Afaaq)

▶ `body:color=black`

▶ `{body:color=black(body)}`

▶ `{body;color:black}`

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

Inside which of the following HTML element do we put the JavaScript?

▶ `<script>` p#57(Afaaq)

▶ `<js>`

▶ `<javascript>`

▶ `<scripting>`

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

JavaScript is mainly a \_\_\_\_\_ language.

▶ Server Side Scripting

▶ Cross Side Scripting

▶ Client Side Scripting p # 79(Afaaq)

▶ both Cross and Server Side Scripting

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

Which one is the responsible to manage "Internal processes"?

▶ E-business(Afaaq)

▶ E-commerce

▶ E-marketing

▶ All of the given

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

The first control statement in a for loop usually

▶ sets the termination condition

▶ increments a counter

▶ **creates a control variable(Afaaq)**

<http://www.csharp-station.com/Tutorials/Lesson04.aspx>

▶ none of the above

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

You define a method using

▶ obj.method

▶ obj.method[]

▶ **obj.method()(Afaaq)**

▶ obj-method

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

What is the default scripting language in ASP?

▶ EcmaScript

▶ JavaScript

▶ Java

▶ **VBScript p #85(Afaaq)**

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

Following are malicious programs EXCEPT ----- .

▶ Back doors

▶ Trojan Horses

▶ **Firewalls p#94(Afaaq)**

▶ Worms

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

Outside attacks on a network include the following, EXCEPT

----- .

▶ Password attack

▶ DoS

▶ **Back doors p#94(Afaaq)**

▶ IP spoofing

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

At which layer of the OSI model the circuit level firewall operates?

▶ Application layer

▶ Presentation layer

▶ Network layer

▶ **Transport layer p#96(Afaaq)**

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

The process of scrambling a message with the help of a key is called ----- .

- ▶ Cryptography
- ▶ Filtering
- ▶ Transposition
- ▶ **Encryption p # 100(Afaaq)**

Question No: 17 ( Marks: 1 ) - Please choose one  
In a ring network, every device has exactly \_\_\_\_\_ neighbors for communication purpose.

- ▶ more than two
- ▶ **Two(Afaaq)**
- ▶ Four
- ▶ None of these

Question No: 18 ( Marks: 1 ) - Please choose one  
What is identified by the tag <FRAMESET COLS="20%,60%,20%">?

- ▶ Horizontal frame
- ▶ **Vertical Frame p # 31(Afaaq)**
- ▶ Top Frame
- ▶ Bottom Frame

Question No: 19 ( Marks: 1 ) - Please choose one  
Why we use reset tag in HTML?

- ▶ To remove the text written in Notepad.
- ▶ To remove the text written in between <body> and </body>tag.
- ▶ To remove the text written in between <head> and </head> tag.
- ▶ **To remove the text written in between <form> and </form> tag. (Afaaq)**

Question No: 20 ( Marks: 1 ) - Please choose one  
Network Interface Card is operated at

- ▶ Application layer
- ▶ Session layer
- ▶ Network layer
- ▶ **Datalink layer p#6 (Afaaq)**

Question No: 21 ( Marks: 2 )

What value will be printed after executing the following statement in JavaScript:

```
document.write( Math.pow(3, 2) );
```

Answer

$3^2$

=9

Question No: 22 ( Marks: 2 )

What is a web server?

P#90

Question No: 23 ( Marks: 3 )

To calculate the area of a circle the formula  $\pi r^2$  is used. How would you code it in JavaScript?

```
<html>
```

```
<script type="text/javascript">
```

```
var radius,area;
```

```
radius = 10;
```

```
area = Math.PI*Math.pow(radius,2);
```

```
document.write("Area of circle with radius 10 is " +
```

```
area );
```

```
</script>
```

```
</html>
```

Question No: 24 ( Marks: 3 )

Name four commonly used web server operating systems.

P#91

Commonly used web server operating systems are Microsoft Windows NT Server, Microsoft Windows 2000 Advanced Server, Microsoft.NET Server, Linux or Unix based operating systems such as Solaris.

Question No: 25 ( Marks: 5 )

Write the types of firewalls. Only names? Explain these briefly

P#96

Packet filter firewall

It uses a set of rules to determine whether outgoing or incoming data packets are allowed to pass through the firewall.

Circuit level firewall

It is quite similar to the packet filter firewall. It also works

on the basis of a set of rules for filtering packets but operates at the transport layer of the OSI Model so has greater functionality.

Application gateway firewall

It operates at application layer of the OSI Model. It uses strong user authentication to verify identity of a host attempting to connect to the network using application layer protocols such as FTP. In contrast to packet filter firewall, it filters the requests rather than packets entering/leaving the network. It can block any outgoing HTTP or FTP requests.

Question No: 26 ( Marks: 5 )

Write the JavaScript code which will display the following in a web page using a FOR loop:

*The number is 0*

*The number is 1*

*The number is 2*

*The number is 3*

*The number is 4*

*The number is 5*

```
<html>
<script type="text/javascript">
var no;
for (no=0; no<6 ; no++)
{ document.write("The number is "
+
no +
"<br>" );
}
</script>
</html>
```

## **MIDTERM EXAMINATION**

**Spring 2010**

**IT430- E-Commerce (Session - 6)**

**Solved**

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

For which of the following we need to know the classification of E-commerce?

▶ **Market planning strategy (Afaaq)**

- ▶ Build Mission statement
- ▶ Management strategy
- ▶ none

Question No: 2 ( Marks: 1 ) - Please choose one  
Switch is a device that joins multiple computers together within one local area network (LAN).

▶ **True (page 4) (Afaaq)**

- ▶ False

Question No: 3 ( Marks: 1 ) - Please choose one  
In which protocol, the messages are not deleted from email server.

- ▶ SMTP
- ▶ POP3
- ▶ **IMAP (page 18) (Afaaq)**
- ▶ ICMP

Question No: 4 ( Marks: 1 ) - Please choose one  
How can you open a link in a new browser window?

- ▶ `<a href="/url" target="new">`
- ▶ **`<a href="/url" target="_blank">` (page 33) (Afaaq)**
- ▶ `<a href="/url" new>`
- ▶ None of these

Question No: 5 ( Marks: 1 ) - Please choose one  
What does the Target= "\_top" tag perform?

- ▶ Loads the new page into the same frame
- ▶ **Loads the new page into the entire window (page 33) (Afaaq)**
- ▶ Loads the new page into a new browser window
- ▶ All of the above

Question No: 6 ( Marks: 1 ) - Please choose one  
Which attribute is used in a tag to control the layout of element?

- ▶ view
- ▶ css
- ▶ **Style (PAGE 39)Afaaq**
- ▶ Layout

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

Choose the correct HTML code line which left-align the content inside a tablecell.

- ▶ <td leftalign>
- ▶ <td valign="left">
- ▶ **<td align="left">(PAGE 26, 45)Afaaq**
- ▶ <tdleft>

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

Where in an HTML document is the correct place to refer to an external style sheet?

- ▶ In the <body> section
- ▶ At the end of the document
- ▶ **In the <head> section (PAGE 39)Afaaq**
- ▶ At the top of the document

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

When you declare a variable within a function, the variable can only be accessed within that function. When you exit the function, the variable is destroyed. These variables are called

- ▶ **Local Variables(Afaaq)**

**ref**

[http://en.wikipedia.org/wiki/Local\\_variable](http://en.wikipedia.org/wiki/Local_variable)

- ▶ Global Variables
- ▶ Local and Global
- ▶ None of the above

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

Constructor is defined as the initializing function used to create.....

- ▶ Instance of object
- ▶ Copy of object
- ▶ **Instance / copy of object (page 69) (Afaaq)**
- ▶ Shallow copy of object

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

What does XML stand for?

- ▶ eXtra Modern Link
- ▶ X-Markup Language
- ▶ **eXtensible Markup Language (page 74) (Afaaq)**

▶ Example Markup Language

Question No: 12 ( Marks: 1 ) - Please choose one  
For which of following purpose the Firewall is used ?

- ▶ Efficient working
- ▶ **Protection against security attacks (page 95) (Afaaq)**
- ▶ Networking purpose
- ▶ None of these

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

- ▶ **Point to Point Protocol (page 98) (Afaaq)**
- ▶ Post to Post Protocol
- ▶ Point to Post Protocol
- ▶ None of these

Question No: 14 ( Marks: 1 ) - Please choose one  
Which of the following is NOT processed on the client side?

- ▶ Cookies
- ▶ JavaScript
- ▶ **CGI scripts (page 79) (Afaaq)**
- ▶ Applets

Question No: 15 ( Marks: 1 ) - Please choose one  
Firewall is used to

I - examine the data entering the network  
II - examine the data leaving the network  
III - filter the data according to certain rules

- ▶ **I, II and III (page 96) (Afaaq)**
- ▶ I only
- ▶ I and III only
- ▶ I and II only

Question No: 16 ( Marks: 1 ) - Please choose one  
Which firewall uses strong user authentication to verify  
identity of a host attempting to connect to the network?

- ▶ Packet filter firewall
- ▶ Circuit level firewall
- ▶ **Application gateway firewall (page 96) (Afaaq)**
- ▶ Hybrid firewall

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

Bus networks is same as the system bus of a computer.

▶ True

▶ False (page 14) (Afaaq)

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

In Style Sheets, How do you add a background color for all "<h1>" elements?

▶ all.h1 {background-color:#FFFFFF}

▶ h1.all {background-color:#FFFFFF}

▶ h1 {background-color:#FFFFFF}(page 47) (Afaaq)

▶ h1 {bgcolor:#FFFFFF}

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

How do you make each word in a text start with a capital letter?

▶ text-transform:capitalize

▶ text-transform:first\_capitalize. (page 46) (Afaaq)

▶ Can't be possible with CSS

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Question No: 20 ( Marks: 1 ) - Please choose one

MAC address is written in

Binary form 0-1 ▶

Decimal form 0-9 ▶

Hexadecimal form 0-f ▶ (page 13) (Afaaq)

None of these ▶

Question No: 21 ( Marks: 2 )

What is a web server?

Answer : Web server – machine that services internet request.

**Web server – machine that services internet request**

web server is a machine that serves up the web page requests of a client on the internet. It is a combination of hardware and software. Decision as regards the type of a web server is largely dependent on the volume and type of web activities. So, transaction processing sites generating dynamic pages with high traffic volumes would need web server software that is more efficient and can easily be upgraded.

Question No: 22 ( Marks: 2 )

What does 'parseFloat(string)' And NaN mean?

**The parseFloat() function parses a string and returns a floating point number. This function determines if the first character in the specified string is a number. If it is, it parses the string until it reaches the end of the number, and returns the number as a number, not as a string.**

**The NaN property represents "Not-a-Number" value. This property indicates that a value is not a legal number.**

Question No: 23 ( Marks: 3 )

Write at least three rules for writing an XML code.

**Rules for writing an XML code**

**-All elements must be properly nested**

**<outer><inner>content</inner></outer>**

**-All attribute values must be quoted <FRIES  
SIZE="LARGE">**

**-All elements with empty content must be identified  
by ending in />**

Question No: 24 ( Marks: 3 )

How 'Man in The middle Attacks' operates?

**Man in the middle attacks**

**In it the attacker is able to monitor, capture and control data between sending and receiving machines. He may apply IP address spoofing technique to divert the packets to its machine, then modify the packets and resend the misleading information to the actual client. Another form of man-in-the-middle attack is where the hacker is able to substitute the IP address of a genuine web site with the IP address of his own web site due to some security hole in the software that runs on a domain name server. A client would think that he is communicating or receiving the information form a genuine web site, though it would not be the case actually.**

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Write the code for a web page displaying a button named "Testing". After clicking that button an alert should be displayed saying "The test is successful".

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</script>
</head>
<body>
<FORM
NAME="form1">
<INPUT TYPE="Button" name="showAlert" VALUE="Show
Alert"
onclick="sndAlert()">
</FORM>
</body>
</html>
```

Question No: 26 ( Marks: 5 )

Differentiate between front end and back end.

Answer: Front end consists of that information which is visible to the user and he can interact with the same through some interface. The back end comprises that information which resides on the server side and is used to create certain dynamic results for the user. It would include different programs or scripts that may be developed in different languages/tools. Backend is mainly used for two purposes – for querying with the databases and for the maintenance of state. We can use different tools (ASP, JSP etc.) for that purpose depending upon their respective advantages/disadvantages.

## **MIDTERM EXAMINATION**

**Spring 2010**

**IT430- E-Commerce (Session - 6)**

Question No: 1 ( Marks: 1 ) - Please choose one Academic institutions, religious organizations and government using ----- e-commerce classification

- ▶ Business-to-Business(B2B)
- ▶ Intra Business
- ▶ Non Business EC p#2(Afaaq)
- ▶ Business-to-consumer(B2C)

Question No: 2 ( Marks: 1 ) - Please choose one  
In which protocol, the messages are not deleted from email server.

- ▶ SMTP
- ▶ POP3
- ▶ **IMAP p#18(Afaq)**
- ▶ ICMP

in case of IMAP the message is not deleted in the email server and thus can be reopened from another location/machine.

Question No: 3 ( Marks: 1 ) - Please choose one  
What is the correct HTML tag for adding a background color?

- ▶ <background>yellow</background>
- ▶ **<body bgcolor="yellow"> (Afaq)**
- ▶ <body color="yellow">
- ▶ None

Question No: 4 ( Marks: 1 ) - Please choose one  
Which HTML tag is used to define an internal style sheet?

- ▶ <css>
- ▶ <script>
- ▶ **<style> (Ans) (Afaq)**
- ▶ <sheet>

Question No: 5 ( Marks: 1 ) - Please choose one  
What is the correct HTML for making a hyperlink?

- ▶ **<a href="http://www.w3schools.com">W3Schools</a> (Ans) (Afaq)**

▶ <a

name="http://www.w3schools.com">W3Schools.com</a>  
>

▶ <a

url="http://www.w3schools.com">W3Schools.com</a>

▶ <a>http://www.w3schools.com</a>

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

If we leave out the target attribute in frame tag and link was clicked ,the document loads into the window

- ▶ **In Same page (Afaq)**

- ▶ In other blank page.
- ▶ To display browser error.
- ▶ All of the options.

Question No: 7 ( Marks: 1 ) - Please choose one  
What does mean by != comparison operator?

- ▶ Equal to
- ▶ Not
- ▶ Equal
- ▶ **Not Equal p#58(Afaaq)**

Question No: 8 ( Marks: 1 ) - Please choose one  
What does the string. match ("abc") object do?

- ▶ Concatenates the "abc" word to other "abc" words
- ▶ **Matches the "abc" words with other "abc" words (Afaaq)**
- ▶ It does replacement of abc word with other words
- ▶ All of the above

Question No: 9 ( Marks: 1 ) - Please choose one  
var txt="Hello World!" document.write(txt.length), it  
would return the length as.

- ▶ 10
- ▶ 11
- ▶ **12**

[http://www.w3schools.com/js/js\\_obj\\_string.asp](http://www.w3schools.com/js/js_obj_string.asp)  
(Afaaq)

- ▶ 13

Question No: 10 ( Marks: 1 ) - Please choose one  
Which of the following property falls in HTTP?

- ▶ **Stateless (Ans) (Afaaq)**
- ▶ Stateful
- ▶ Temporary
- ▶ All of these

Question No: 11 ( Marks: 1 ) - Please choose one  
Which one of the following certifies the binding between  
public key and its owner.

- ▶ **CA(Afaaq)**
- ▶ KDC
- ▶ TLS

▶ Firewall

Question No: 12 ( Marks: 1 ) - Please choose one  
Cyclical Redundancy Check (CRC), takes place in which layer  
of OSI Model.

▶ Session Layer

▶ Transport Layer

▶ Network Layer

▶ **Data link layer p#6(Afaq)**

Question No: 13 ( Marks: 1 ) - Please choose one  
How can you convert information consisting of comma  
separated values into an array?

▶ txtArray = txt.indexOf(',');

▶ **txtArray = txt.split(',');** page 70(Afaq)

▶ txtArray = txt.trim(',');

▶ txtArray = txt.substring(',');

Question No: 14 ( Marks: 1 ) - Please choose one  
The control statement on a while loop is tested

▶ **before each time through the loop (Afaq)**

▶ after each time through the loop

▶ once at the start

▶ once at the end

Question No: 15 ( Marks: 1 ) - Please choose one  
Which SQL statement is used to delete data from a  
database?

▶ **DELETE (Afaq)**

▶ COLLAPSE

▶ REMOVE

▶ DISCARD

Question No: 16 ( Marks: 1 ) - Please choose one  
A program that performs a specific function such as creating  
invoices/bills or processing payment received from  
customers is called a/an -----.

▶ Middleware

▶ Web Service

▶ CRM Software

▶ **Application Program page 92(Afaq)**

Question No: 17 ( Marks: 1 ) - Please choose one  
Which firewall uses strong user authentication to verify identity of a host attempting to connect to the network?

- ▶ Packet filter firewall
- ▶ Circuit level firewall
- ▶ **Application gateway firewall p#96(Afaaq)**
- ▶ Hybrid firewall

Question No: 18 ( Marks: 1 ) - Please choose one  
In what form are style rules presented?

- ▶ **Selector { property: value }**
- <http://www.brainjar.com/css/using/>  
**Afaaq**

- ▶ selector { property= value }
- ▶ selector ( property: value )
- ▶ selector ( property= value )

Question No: 19 ( Marks: 1 ) - Please choose one  
Why we use reset tag in HTML?

- ▶ To remove the text written in Notepad.
- ▶ To remove the text written in between <body> and </body>tag.
- ▶ To remove the text written in between <head> and </head> tag.
- ▶ **To remove the text written in between <form> and </form> tag. (Afaaq)**

Question No: 20 ( Marks: 1 ) - Please choose one  
When data moves upward in the OSI stack it is called

- ▶ Encapsulation
  - ▶ **De-encapsulation**
- Page # 5 (Afaaq)**

- ▶ Synchronization
- ▶ None of these

Question No: 21 ( Marks: 2 )  
What does PPTP stand for?

Ans:

PPTP stands for point to point transfer protocol.

VPN connections or tunnels are managed by Point to Point Tunneling Protocol (PPTP) which due to encryption provides

secure transport of private communications over the public internet. A VPN connection thus can be created between the branch office and the corporate head office.

Question No: 22 ( Marks: 2 )

What are the keywords to define a variable and a function in JavaScript?

"var" is the keyword used to define a variable in Javascript  
e.g var a;

"function" is the keyword to define a function in javascript  
e.g function myfunction()

Question No: 23 ( Marks: 3 )

Identify the object, property and method in the following:

Math.sin(45)

Math.PI

Ans:

Math is the object in above case

PI is the property of Math object

Sin() is the method of Math object

Question No: 24 ( Marks: 3 )

Performance of web servers can be evaluated mainly on the basis of two factors. What are they?

Ans:

We can evaluate web servers performance by below basic factors.

1. Response time.

2. Request process time.

1. this is one of the basic factor to evaluate the web server process, we can evaluate performance of web server by its response time, once you write web add how long it take to open its home page.

2. Secondly we can evaluate performance of web server by the time which server take to do process, suppose you submit some query or you did some transaction how long it will take to process it. By this way also we can evaluate performance of a web servers.

Question No: 25 ( Marks: 5 )

Write the code for a web page displaying a button named

"Testing". After clicking that button an alert should be displayed saying "The test is successful".

```
<html>
<head>
<script type="text/javascript">
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onclick="sndAlert()">
</FORM>
</body>
</html>
```

Question No: 26 ( Marks: 5 )

What is the difference between an interpreted and a compiled language? Give one example of each.

Ans:

In a compiled language we compile to code or convert into machine language using a software called compiler as we can case C++

Example C++

with interpret language we interpret the code (line by line) at run time using a program called interpreter browser is an interpreter.Example Browser...

Mid Trem paper 2010

IT430- E-Commerce

Time: 60 min

Marks: 40

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

RIP(Routing Information protocol) is used by----- , to

build a ----- table

- bridges , hash
- routers, matrix
- routers , routing 6)(Afaaq)**
- All of these

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

In which protocol, the messages are not deleted from email server.

- SMTP
- POP3
- IMAP (page 17)Afaaq**
- ICMP

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

For which one of the following, <MARQUEE ...> tag can work better

- News headlines
- Announcements (Afaaq)**
- Sound pulgin
- Movie controls

[http://vuzs.net/index.php/component/user/components/com\\_jcomments/images/index.php?option=com\\_content&view=article&id=474:it430-mid-2010-by-vuzs-team-with-ref-a&catid=309:it430-e-commerce&Itemid=54](http://vuzs.net/index.php/component/user/components/com_jcomments/images/index.php?option=com_content&view=article&id=474:it430-mid-2010-by-vuzs-team-with-ref-a&catid=309:it430-e-commerce&Itemid=54)

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

At line code 5 which of the following Css methods has been applied?

<html>

<head>

1. <style type="text/css">

2. h3 {font-family: times}

3. p {font-family: courier}

4. p.sansserif {font-family: sans-serif}

</style>

5. <Link rel="stylesheet" type="text/css"

herf="mystyle.css">

</head>

<body>

6. `<h3 style="font-size:40pt">This is header 3</h3>`  
`</body>`  
`</html>`

`àmystyle.css:`

`h3{ color:red}`

\_ Browser default

\_ **External style sheet (page 39)Afaaq**

\_ Inline style

\_ Internal style sheet

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

Which of the following is NOT valid HTML code line?

\_ `<frameset rows="16%,84%">`

\_ **`<frameset columns="16%,84%">` Afaaq**

\_ `<frameset cols="100,150">`

\_ `<frameset cols="50%,50%" rows="16%,84%">`

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

What shall come in blanks for proper result,

Here blanks are numbered with 1,2 and 3

`<html>`

`<head>`

`<SCRIPT language="JavaScript">`

`Var num1, var num2`

`Document.container .result.value=parseFloat(num1)-`

`parseFloat(num2)`

`</script>`

`</head>`

`<body>`

`<FORM name="-----1-----">`

`<input type="-----2-----" name="-----3-----"`

`maxlength="5">`

`</form>`

`</body>`

`</html>`

\_ **container, text and result (Afaaq)**

\_ result, value and container

\_ container , button and value

\_ result, container and text

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

Let us assume in Javascript, Variables num1 and num2 are assigned values 10 and 30 respectively

The following text was displayed on browser page:

OUTPUT:

The result of addition is (40)

Which one of following code will display the output?

document.write("The result of addition is"+(parseFloat(num1)+parseFloat(num2))+");

document.write("The result of addition is"+(parseFloat(num1)+parseFloat(num2))+");

document.write("The result of addition is"+(parseFloat(num1)+parseFloat(num2)));. (page 60) (Afaaq)

document.alert ("The result of addition is(parseFloat(num1)+parseFloat(num2)) ");

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

Constructor is defined as the initializing function used to create.....

Instance of object

Copy of object

Instance / copy of object (page 68) (Afaaq)

Shallow copy of object

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

Which language does not compile its code but interpret it?

ASP. Net

ASP (Afaaq)

C++

None of these (

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

JavaScript is mainly a \_\_\_\_\_ language.

Server Side Scripting

Cross Side Scripting

Client Side Scripting (page 53, 78) (Afaaq)

both Cross and Server Side Scripting

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

Which loop type always runs the enclosed code at least once

for

- while
- do while

**all of them(Afaq)**

[http://www.tutorialspoint.com/php/php\\_loop\\_types.htm](http://www.tutorialspoint.com/php/php_loop_types.htm)

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

Which one from the following uses IP addresses on network layer?

- Swithes
- Routers(page 6) (Afaq)**
- Bridges
- All of the given

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

Which object has the property of 'cookie'?

- window
- location
- document (page 79, 80) (Afaq)**
- string

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

Which firewall uses strong user authentication to verify identity of a host attempting to connect to the network?

- Packet filter firewall
- Circuit level firewall
- Application gateway firewall(page 96) (Afaq)**
- Hybrid firewall

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

Pretty Good Privacy (PGP) is the name of a popular

\_\_\_\_\_ system which is available for general public use.

- Filtering
- Cryptographic(page 100) (Afaq)**
- Server
- Security

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

An electronic signature can ensure ----- .

- authenticity
- integrity
- non-repudiation

**all of them (page 100) (Afaaq)**

Question No: 17 ( Marks: 1 ) - Please choose one  
Which one is the correct CSS syntax?

**h1 {font-size:72pt}(page 38) (Afaaq)**

h1:font-size=72pt

{h1:font-size=72pt}

{h1;font-size:72pt}

[http://www.w3schools.com/css/css\\_font.asp](http://www.w3schools.com/css/css_font.asp)

Question No: 18 ( Marks: 1 ) - Please choose one  
In Style Sheets, How do you change the font of an element?

font-face:

**font:**

**font-family: (page 43) (Afaaq)**

font-style:

Question No: 19 ( Marks: 1 ) - Please choose one  
How many characters MAC address consists on?

11

**12(page 12) (Afaaq)**

13

14

Question No: 20 ( Marks: 1 ) - Please choose one  
Choose which one is the not the columns of Log files.

IP addresses

Request (url)

Date

**Contents (Afaaq)**

<http://www.w3.org/TR/WD-logfile>

Question No: 21 ( Marks: 2 )  
What you understand about Denial of services (DOS) attacks?

Question No: 22 ( Marks: 2 )

Discuss the role of (W3C) keeping in view the web documents ?

Question No: 23 ( Marks: 3 )

Differentiate between the HTML and XML. Identify At least three major differences.

Question No: 24 ( Marks: 3 )

What are the different logical operators in JavaScript? Only write their names. Also write the symbols of operators.

Question No: 25 ( Marks: 5 )

Write HTML code for the form displaying a drop-down list containing the following

entries: Honda, Suzuki, Santro, Corolla.

Question No: 26 ( Marks: 5 )

Write a note on any two methods used to maintain state between HTTP requests.