

**IT430 15 Midterm Papers Solved Include 2010 &
2009**

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MIDTERM EXAMINATION

Spring 2010

IT430- E-Commerce (Session - 2)

Marks: 40

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

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

Ref: Media access control (MAC) address (See Handouts No. 13)

Question No: 2 (Marks: 1) - Please choose one
Your browser may not support display of this image. Choose the correct HTML tag for
the largest heading

- ▶ <head>
- ▶ **<h1>**
- ▶ <Heading>
- ▶ <h6>

Ref: Heading in HTML

Six different levels of headings can be created in HTML. Their syntax is given below:
<H1> Level 1 – largest text </H1> (See Handouts Page No. 20)

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

Which of the following tags are used for embedding sound files into HTML code?

- ▶
- ▶ **<EMBED SRC="Skylar.MP3">**
- ▶ and <EMBED SRC="Skylar.MP3">
- ▶ None of these

Ref: <HTML> <HEAD><TITLE>Example - Embedding</TITLE> </HEAD>

**<BODY> Click the Play button for some nice music:
 <EMBED
SRC="Skylar.MP3"> </BODY></HTML> Handouts Page No. 37**

Note: Solve these papers by yourself

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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
- ▶ Define the look of your pages in one place
- ▶ easily change the look
- ▶ Implement same formatting each time taje is used

Ref: CSS doesn't work at all in very early versions of Internet Explorer and Netscape
<http://www.vordweb.co.uk/css/advantages-of-css.htm>

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="x xxx.css" type="text/css">
- ▶ <style rel=stylesheet href="xxx.css" type="text/css">
- ▶ <link rel=stylesheet scr="xxxx.css" type="text/css">

Ref: <Link Rel="stylesheet" Type="text/css" href="mystyles.css"> Handouts Page No. 39

Question No: 6 (Marks: 1) - Please choose one
Which of the following is correct syntax to define color in CSS?

- ▶ body {color: black}
- ▶ body:color=black
- ▶ {body:color=black(body)}
- ▶ {body;color:black}

Ref: You can put CSS Style Rule Syntax as follows:

```
selector { property: value }
```

http://www.tutorialspoint.com/css/css_syntax.htm

Question No: 7 (Marks: 1) - Please choose one
Inside which of the following HTML element do we put the JavaScript?

- ▶ <script>
- ▶ <js>
- ▶ <javascript>
- ▶ <scripting>

Ref: http://www.ex-designz.net/test_grade.asp?tid=65 See Question No.01

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

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JavaScript is mainly a _____ language.

- ▶ Server Side Scripting
- ▶ Cross Side Scripting
- ▶ Client Side Scripting
- ▶ both Cross and Server Side Scripting

Ref: javaScript is mainly used as a client side scripting language, while PHP is a server side technology. Unlike Java or ASP.Net, PHP doesn't have tools to make it work client side. That is why you need to combine JavaScript and PHP scripts to develop powerful web-applications. <http://www.tutcity.com/tutorial/difference-between-server-side-and-client-side-scripting.16266.html>

Question No: 9 (Marks: 1) - Please choose one
Which one is the responsible to manage "Internal processes"?

- ▶ E-business
- ▶ 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
- ▶ none of the above

Ref: Once the initializes list has been evaluated, the *for* loop gives control to its second section, the Boolean expression <http://www.csharp-station.com/Tutorials/Lesson04.aspx>

Question No: 11 (Marks: 1) - Please choose one
You define a method using

- ▶ obj.method
- ▶ obj.method[]
- ▶ obj.method()
- ▶ obj-method

Question No: 12 (Marks: 1) - Please choose one
What is the default scripting language in ASP?

- ▶ EcmaScript
- ▶ JavaScript
- ▶ Java

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▶ **VBScript**

Ref: ASP normally uses VBScript as the scripting language (Handouts Page No. 85)

Question No: 13 (Marks: 1) - Please choose one
Following are malicious programs EXCEPT ----- .

- ▶ Back doors
- ▶ Trojan Horses
- ▶ **Fire walls**
- ▶ Worms

Ref: Handouts Page No. 94

Question No: 14 (Marks: 1) - Please choose one
Outside attacks on a network include the following, EXCEPT ----- .

- ▶ Password attack
- ▶ DoS
- ▶ **Back doors**
- ▶ IP spoofing

Ref: Handouts Page No. 95

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**

Ref: **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.

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**

Ref: The process of scrambling a message with the help of a key is called Encryption.

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

In a ring network, every device has exactly _____ neighbors for communication purpose.

- ▶ more than two
- ▶ **Two**
- ▶ Four
- ▶ None of these

Ref: Ring Topology In a ring network, every device has exactly two neighbors for communication purposes.

<http://compnetworking.about.com/od/networkdesign/a/topologies.htm>

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

What is identified by the tag <FRAMESET COLS="20%,60%,20%">?

- ▶ Horizontal frame
- ▶ **Vertical Frame**
- ▶ Top Frame
- ▶ Bottom Frame

Ref: Handouts Page No. 31

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.**

Ref: An input of type RESET tells the browser to create a button that the user can press to clear all form fields (set to the default values). You can specify the text to appear in the button with the VALUE attribute.

<http://www.cs.rpi.edu/~hollingd/eiw/notes/forms/forms.html>

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

Network Interface Card is operated at

- ▶ Application layer
- ▶ Session layer
- ▶ Network layer
- ▶ **Datalink layer**

Data link layer

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Ref: It places data packets into data frames. Network Interface Card Drivers/Protocols operate at this layer (Handouts Page No. 06)

MIDTERM EXAMINATION
Spring 2010
IT430- E-Commerce (Session -3)

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

In star network features a central connection point called a "hub" that ought to be only a hub.

- True
- False

Ref: **Star networks** are one of the most common computer network topologies. In its simplest form, a star network consists of one central switch, hub or computer, which acts as a conduit to transmit messages. http://en.wikipedia.org/wiki/Star_network

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

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

- True
- False

Ref: A switch is also a combination of hardware and software having its own operating system. Like bridges, the switches are also used to increase the bandwidth of a network. However, in case of a switch, a network is virtually divided into small segments called Virtual LANs or VLANs.

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

Switch generally contains more "intelligence" than a hub.

- True
- False

Ref: Network switches appear nearly identical to network hubs, but a switch generally contains more intelligence (and a slightly higher price tag) than a hub. http://compnetworking.about.com/od/hardwarenetworkgear/g/bldef_switch.htm

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

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

- ▶ SMTP
- ▶ POP3
- ▶ **IMAP**
- ▶ ICMP

Ref: in case of IMAP the message is not deleted in the email server and thus can be reopened from another location/machine. (Handouts Page No. 18)

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

Which protocol does Virtual university use to send email to student Accounts?

- ▶ **SMTP**
- ▶ POP
- ▶ IMAP
- ▶ TCP

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

For which one of the following <Marquee> tag can work better

- ▶ News headlines
- ▶ **Announcements**
- ▶ Sound pulgin
- ▶ Movie controls

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

Can you add a style in a single place on a page?

- ▶ **Yes, with a style-definition written into the tag**
- ▶ Yes, with a global style definition that redefines the tag
- ▶ No - CSS can only be defined for entire pages.

Ref: An advantage of applying style sheets is that definition of the style's formatting is created once and the browser applies that formatting each time the tag is used. Secondly, pages are easier to modify, that is, edit the style definition and all the places where the style is used within the page get updated automatically (Handouts Page No. 38)

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

Which CSS tag is used to place an image that would remain when user scrolls down or up the page?

- ▶ **background-attachment: fixed**

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- ▶ background-attachment: scroll
- ▶ background-attachment: up
- ▶ All of these

Ref: Using background-attachment: fixed, the background image would remain in place when the user scrolls up and down the page. (Handouts page No. 48)

Question No: 9 (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
- ▶ Result, value and container
- ▶ Container, button and value
- ▶ Result, container and text

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

Correct syntax of "for" loop is:

- ▶ for (i = 0; i <= 5)
- ▶ for i = 1 to 5
- ▶ for (i <= 5; i++)
- ▶ for (i = 0; i <= 5; i++)

Ref: for(i=1;i<7;i++) Handouts Page No. 66

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

CGI stands for

- ▶ Common Gate Information

Note: Solve these papers by yourself

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- ▶ Common Gate Interface
- ▶ Common Goal Interest
- ▶ Common Global Interaction

Ref: Term Common Gateway Interface (CGI) Handouts Page No. 82

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

Which of the following property falls in HTTP?

- ▶ Stateless
- ▶ Stateful
- ▶ Temporary
- ▶ All of these

Ref: You know that http is stateless. Another reason why we need to write scripts or develop our back end is that we want to maintain state. (Handouts Page No. 88)

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

What is a correct way of referring to a stylesheet called 'mystyle.xml' ?

- ▶ `<?xml-stylesheet type="text/xsl" href="/mystyle.xml" ?>`
- ▶ `<link type="text/xsl" href="/mystyle.xml" />`
- ▶ `<stylesheet type="text/xsl" href="/mystyle.xml" />`
- ▶ `<?stylesheet type="text/xsl" href="/mystyle.xml" ?>`

Ref: We write XSL rules that match various xml elements. For that consider the following example: XML code `<?xml version="1.0"?> <?xml-stylesheet href="catalog.xml" type="text/xsl" ?>` (Handouts Page No. 77)

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

Which of the following does not interpret its code?

- ▶ ASP
- ▶ PHP
- ▶ JSP
- ▶ Coldfusion

Ref: Technologies like ASP, PHP and Coldfusion interpret their code except the new version of ASP (ASP.net) where the code is compiled. In case of JSP a program called JSP engine compiles the code. (Handouts Page No. 85)

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

Asymmetric cryptography is also called -----.

- ▶ Public key cryptography
- ▶ Private key cryptography

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- ▶ Substitution cryptography
- ▶ Transposition

Ref: Asymmetric or Public Key Cryptography (Handouts page No. 100)

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

Digital signature uses -----.

- ▶ Symmetric cryptography
- ▶ Private key cryptography
- ▶ **Public key cryptography**
- ▶ Hash function

Ref: An electronic signature means any letters, numbers, symbols, images, characters or any combination thereof in electronic form applied to an electronic document which can ensure authenticity, integrity and non- repudiation. It uses public key cryptography (Handouts Page No. 100)

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

Which one of the following is NOT a valid JavaScript variable?

- ▶ name1
- ▶ \$studentScore
- ▶ first name
- ▶ **2ndName**

Ref: Variable names can begin with an uppercase letter (A-Z), lower case letter (a-z), an underscore character (_), or dollar sign (\$). Remaining characters can be any of the above or from digits (0-9). (Handouts Page No. 54)

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

Which of these is the correct HTML code for creating a reset button?

- ▶ `<input type =”button” name=”reset” value=”reset”>`
- ▶ `<input type=”resetButton” value=”Clear”>`
- ▶ **`<input type=”reset” value=”reset”>`**
- ▶ `<input type=”button” name=”reset” value=”clear”>`

Ref: `<Input type=“Reset” value=“label”>` (Handouts Page No. 26)

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

Why we use **reset** tag in HTML?

- ▶ To remove the text written in Notepad.

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- ▶ 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.

Ref: When the submit button is clicked, the form data is shipped to the URL specified by the <form> tag's action attribute. (Handouts Page No. 27)

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

<http://cs.vu.edu> is an example of

- ▶ Two zone domain name
- ▶ Three zone domain name
- ▶ Four zone domain name
- ▶ Five zone domain name

MIDTERM EXAMINATION
Spring 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
- ▶ All of these

Routing Information Protocol (RIP) also operates here which enables routers to build their routing table. PG6

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

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

- ▶ SMTP
- ▶ POP3
- ▶ IMAP PG18
- ▶ ICMP

On the other hand, 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

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

- ▶ News headlines

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► **Announcements**

- Sound plug-in
- Movie controls

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" href="mystyle.css"></head>
<body> 6. <h3 style="font-size:40pt">This is header 3</h3>
</body>
</html>
mystyle.css:
h3{ color:red}
```

- Browser default

► **External style sheet** PG39

- 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%">**
- <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">
```

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</form></body></html>

▶ **container, text and result** PG60

- ▶ 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 ("+(parse Float(num1)+parse Float(num2)));;. PG61 (coding)

▶ 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** pg69

▶ 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**

▶ C++

▶ None of these

Technologies like ASP, PHP and Cold fusion interpret their code except the new version of ASP (ASP.net) where the code is compiled.

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

JavaScript is mainly a _____ language.

▶ Server Side Scripting

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- ▶ Cross Side Scripting
- ▶ **Client Side Scripting**
- ▶ 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** IT series for 2nd year
- ▶ all of them

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

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

- ▶ Swithes
- ▶ **Routers** PG6
- ▶ Bridges
- ▶ All of the given

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

Which object has the property of 'cookie'?

- ▶ window
- ▶ location
- ▶ **document** pg80
- ▶ 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** pg96
- ▶ 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** pg100
- ▶ Server
- ▶ Security

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

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An electronic signature can ensure -----.

- ▶ Authenticity
- ▶ Integrity
- ▶ Non-repudiation
- ▶ **All of them** pg100

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

- ▶ **h1 {font-size:72pt}** pg38
- ▶ h1:font-size=72pt
- ▶ {h1:font-size=72pt}
- ▶ {h1;font-size:72pt}

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:**
- ▶ font-style:

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

- ▶ 11
- ▶ **12** PG13
- ▶ 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

MIDTERM EXAMINATION
Spring 2010
IT430- E-Commerce (Session - 4)

Question No: 1 (Marks: 1) - Please choose one
Which one of the following divides large network in small logical segments called subnets on basis of IP ADDRESSES?

- ▶ **Routers**
- ▶ Bridge

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- ▶ None of these
- ▶ Switches

Ref: Routers

Routers use a combination of hardware and software to forward data packets to their destination on the internet. They are more efficient and sophisticated than bridges and switches. They can divide large networks into logical segments called Subnets on the basis of IP addressing scheme
(Handouts Page No. 16)

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

Switch is used on the layer

- ▶ First Layer
- ▶ **Second Layer**
- ▶ Third Layer
- ▶ None of these

Ref:

http://docs.google.com/viewer?a=v&q=cache:YwLlfrfGjNEJ:www.neteon.net/RefDnFile/s/Optimizing_Subnets_with_Layer_3_Switches.pdf+Switch+is+used+on+the+which+layer&hl=en&gl=pk&pid=bl&srcid=ADGEESHX_JMf3wN7h8KrfEInCuBMcllasL6P9P2B4KuU8WFQkmahl6roliT9h7yb_fOEBtbgg1FmK2wgEotAGJs4gbtRmHg00BnHJF6mZ3QH7hX5Lgk6lietgV14ccnoB1bqceelL4xJ&sig=AHIEtbTjgvR8Rf3CEwWxteobO2thDxRC6g

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

Router is used on the layer

- ▶ First Layer
- ▶ Second Layer
- ▶ **Third Layer**
- ▶ None of these

Ref:

http://docs.google.com/viewer?a=v&q=cache:YwLlfrfGjNEJ:www.neteon.net/RefDnFile/s/Optimizing_Subnets_with_Layer_3_Switches.pdf+Switch+is+used+on+the+which+layer&hl=en&gl=pk&pid=bl&srcid=ADGEESHX_JMf3wN7h8KrfEInCuBMcllasL6P9P2B4KuU8WFQkmahl6roliT9h7yb_fOEBtbgg1FmK2wgEotAGJs4gbtRmHg00BnHJF6mZ3QH7hX5Lgk6lietgV14ccnoB1bqceelL4xJ&sig=AHIEtbTjgvR8Rf3CEwWxteobO2thDxRC6g

Question No: 4 (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">

Note: Solve these papers by yourself

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```
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** PG#60 (Coding)

- result, value and container
- container , button and value
- result, container and text

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

What is the correct JavaScript syntax to insert a comment that has more than one line?

► **/*This comment has more than one line*/**

- //This comment has more than one line//
- <!--This comment has more than one line-->
- None of these

// This is a single line comment.

/* This is a multiple line comment with only one line. */

/* This is a multiple line comment.

<http://www.cs.brown.edu/courses/bridge/1998/res/javascript/javascript-tutorial.html>

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

Which one of the following certifies the binding between public key and its owner?

► **CA**

- KDC
- TLS
- Firewall

Ref: Similarly, if a digital certificate is issued by a reputed CA that would confirm to other people that this particular public key certified by the CA belongs to this individual only. (Handouts Page No. 102)

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

How do you define a numerical value?

- var mynum = new Math;
- var mynum = Math(6);
- **var mynum = 6;**
- Math.mynum = 6;

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

How can you convert information consisting of comma separated values into an array?

Note: Solve these papers by yourself

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

<http://www.blackwasp.co.uk/CommaSeparatedToArray.aspx>

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

Which of the following is NOT true about Applets?

- ▶ Applets are compiled Java programs
- ▶ Applet code is sent from server to the browser for processing
- ▶ **<script> tag is used to make a call for the applet code**
- ▶ Typically applets take more space on the window screen

Applets are compiled java programs. Applet code is sent from server to the browser for processing. Examples of applets include animation files, java games spreadsheets etc. Typically applets take more space on the window screen PG 79

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

After compilation, the JSP page is converted into a

- ▶ JavaScript
- ▶ HTML
- ▶ Applet
- ▶ **Servlet**

This compilation takes place only once, and then the JSP page is converted into a Servlet. PG 85

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

Following are the names of some well known e-commerce software, EXCEPT -----.

- ▶ Intershop
- ▶ IBM's WebSphere Commerce Professional Edition
- ▶ Microsoft Commerce Server 2002
- ▶ **Microsoft SQL Server 2005**

E-commerce Software PG93

Following are the names of some well-known e-commerce software:

- Intershop Enfinity
- IBM's WebSphere Commerce Professional Edition
- Microsoft Commerce Server 2002

Question No: 12 (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 PG96**

Note: Solve these papers by yourself

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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.

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

Which attribute can be used to make a region non-clickable?

- ▶ none of the given
- ▶ target
- ▶ alt

▶ **nohref**

'Nohref' attribute can be used to make a region non-clickable. PG37

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

Which of following is NOT an attribute of <AREA> tag?

- ▶ Shape
- ▶ **Circle**
- ▶ Href
- ▶ Cords

Ref: <area shape="rect" cords="0, 0, 82,126" href="sun.htm" alt="Sun" />

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

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

▶ **True**

▶ False

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

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

- ▶ css
- ▶ text/style
- ▶ **style PG38**
- ▶ script

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

In Style Sheets, How do you change the font of an element?

- ▶ font-face:
- ▶ font:
- ▶ **font-family pg43**
- ▶ font-style:

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

Which of the following is correct for displaying a box around a paragraph?

- ▶ P {box: yes}

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- ▶ P {box: thin solid}
- ▶ P {box:1}
- ▶ **P {border: thin solid} pg48**

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

How the tables in HTML are expanded?

- ▶ **Row by Row pg24**
- ▶ Column by Column
- ▶ One row and one column
- ▶ None of these

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

Which of the following is the default alignment in HTML?

- ▶ **Left**
- ▶ Center
- ▶ Right
- ▶ None

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Spring 2010
IT430- E-Commerce (Session - 5)

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

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

▶ A

▶ **B PG10 FG#09**

▶ C

▶ E

- 1011 1111 is equal to 191 in decimal
- So, 128-191 is the range of class B networks

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

Which of the following is true for Class A?

Note: Solve these papers by yourself

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▶ **Network 01 byte and 03 hosts** PG10, FG10

- ▶ Network 02 bytes and 02 hosts
- ▶ Network 03 bytes and 01 host
- ▶ None of these

▶ **Class A – large networks (net 1 byte/host3)**

0	Network	host
---	---------	------

▶ **Class B – medium networks (net 2 bytes/host 2)**

1 0	Network	host
-----	---------	------

▶ **Class C – small networks (net 3 bytes/host 1)**

1 1 0	Network	host
-------	---------	------

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

(Topologies: Star, Bus, Tree, Ring, Mesh and Hybrid topology)

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

What is the correct HTML for making a hyperlink?

- ▶ `Virtual university`

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▶ ` Virtual university `

▶ `<a>http://www. vu.edu.pk `

▶ ` Virtual university of pakistan`

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">`

▶ `<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**

▶ 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**

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► At the top of the document

http://www.ex-designz.net/test_page.asp?tid=37 Q#2

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) PG58**

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**

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

PPP stands for

► **Point to Point Protocol PG98**

- Post to Post Protocol
- Point to Post Protocol
- None of these

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

JavaScript is mainly a _____ language.

- ▶ Server Side Scripting
- ▶ Cross Side Scripting
- ▶ **Client Side Scripting** PG79
- ▶ 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>**
- ▶ <js>

http://www.ex-designz.net/test_page.asp?tid=65

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;**

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 -----.

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- ▶ sniffing
- ▶ Password attack
- ▶ Man in the middle attack

▶ **Denial of service attack** PG95

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

Outside attacks on a network include the following, EXCEPT -----.

- ▶ Password attack
- ▶ DOS

▶ **Back doors**

- ▶ IP spoofing

Out side attacks on a network : Eavesdropping/ sniffing/snooping, Password attacks, IP address spoofing, Man in the middle attacks, Denial of services (DOS) attacks PG95

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

Digital signature uses -----.

- ▶ Symmetric cryptography
- ▶ Private key cryptography

▶ **Public key cryptography** PG100

- ▶ Hash function

An electronic signature means any letters, numbers, symbols, images, characters or any combination thereof in electronic form applied to an electronic document which can ensure authenticity, integrity and no repudiation. It uses public key cryptography.

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

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

▶ **True**

▶ False

Because Star Topology is fully dependant on the hub and the entire working of the network depends on the hub or the switch.

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

Which one is the correct CSS syntax?

▶ **h1 {font-size:72pt} PG39**

▶ 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 PG46**

▶ text-transform: uppercase

▶ text: capitalize

▶ You can't do that with CSS

The property named "text-transform" is used which has four values – capitalize, lowercase,

none and uppercase.

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

Which of the following is the default alignment in HTML?

▶ **Left**

▶ Center

▶ Right

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▶ None

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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**

- ▶ 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 PG4**

▶ False

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

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

- ▶ SMTP
- ▶ POP3

▶ **IMAP PG18**

▶ ICMP

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

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

▶ ``

▶ **``**

▶ ``

▶ None of these

Ref:

<http://www.pageresource.com/html/newwin.htm>

To get a link to open in a new browser window, what you do is add the target="_blank" attribute to your link tag, like this:

```
<a href="http://www.pageresource.com/linkus.htm" target="_blank">
```

```
Link to us!</a>
```

This will give you the following link:

[Link to us!](#)

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

What does the Target= “_top” tag performs?

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

Target=“_self” – loads the new page into the same frame that contains the link

Target=“_top” - loads the new page into the entire window

Target=“_blank” – loads the new page into a new browser window

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

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

- ▶ view
- ▶ css
- ▶ **Style**
- ▶ 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">** PG45
- ▶ <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**
- ▶ 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**
- ▶ Global Variables
- ▶ Local and Global
- ▶ None of the above

http://www.w3schools.com/js/js_functions.asp

Note: Solve these papers by yourself

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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** PG69
- ▶ Shallow copy of object

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

What does XML stand for?

- ▶ Extra Modern Link
- ▶ X-Mark-up Language
- ▶ **Extensible Mark-up Language**
- ▶ Example Mark-up Language

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

For which of following purpose the Firewall is used?

- ▶ Efficient working
- ▶ **Protection against security attacks**
- ▶ networking purpose
- ▶ None of these

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

PPP stands for

- ▶ **Point to Point Protocol**
- ▶ 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**
- ▶ Applets
- ▶ Cookies

Server side processing can be mainly categorized into four headings -CGI Scripts, Servlets, Server Side Scripts and JDBC/ODBC drivers

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

Note: Solve these papers by yourself

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III - filter the data according to certain rules

▶ **I, II and III** PG93

- ▶ 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** PG96
- ▶ Hybrid firewall

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

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

- ▶ True
- ▶ **False**

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}** PG47
- ▶ 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** PG#46
- ▶ text-transform: first_capitalize.
- ▶ 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**
- None of these

MAC addresses are 12-digit hexadecimal numbers (48 bits in length).

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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 PG2**
- ▶ 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 PG#18**
- ▶ ICMP

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> PG38**
- ▶ <sheet>

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

- ▶ **W3Schools**
- ▶ W3Schools.com
- ▶ W3Schools.com
- ▶ <a>http://www.w3schools.com

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

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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 PG58**

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

Ref:- <http://www.regular-expressions.info/java.html>

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**
- ▶ 13

Ref:- http://www.w3schools.com/js/js_obj_string.asp

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

- ▶ **Stateless**
- ▶ Stateful
- ▶ Temporary
- ▶ All of these

Ref: The HTTP protocol is connectionless and stateless
<http://www.wdvl.com/Internet/Protocols/HTTP/Properties.html>

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

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- ▶ CA
- ▶ KDC
- ▶ TLS
- ▶ Firewall

Q#21 http://highered.mcgraw-hill.com/sites/0073376043/student_view0/chapter_29_-_multiple_choice_quiz.html

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

Ref: <http://www.blackwasp.co.uk/CommaSeparatedToArray.aspx>

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

While loop: While loop checks the certain condition first, if the condition is true then all the statements or processes written under the while loop are executed otherwise ignored all.

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

- ▶ **DELETE** PG#83
- ▶ 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

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payment received from customers is called a/an -----.

- ▶ Middleware
- ▶ Web Service
- ▶ CRM Software
- ▶ **Application Program PG#92**

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 PG#96**
- ▶ Hybrid firewall

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

In what form are style rules presented?

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

Ref: <http://www.brainjar.com/css/using/>

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.**

Reset buttons exist to reset the fields of your form. These are handy for very large forms and the user is having difficulty or simply needs to start filling in the form from scratch.

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

When data moves upward in the OSI stack it is called

- ▶ Encapsulation
- ▶ **De-encapsulation**
- ▶ Synchronization
- ▶ None of these

The process of moving the data down the OSI Protocol stack at the sending machine is called Encapsulation, and the process of moving the data up the OSI stack at the receiving side is called De-encapsulation.

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MIDTERM EXAMINATION
Spring 2009
IT430- E-Commerce (Session - 1)

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

Which of the following is Default subnet mask of class C?

255.0.0.0

255.255.0.0

255.255.255.0 Pg11

None of above

Ref: Class A: 255.0.0.0

Class B: 255.255.0.0

Class C: 255.255.255.0

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

Which one of the following divides large network in small logical segments called subnets on basis of IP ADDRESSES?

Routers pg16

Bridge

None of these

Switches

Routers can divide large networks into logical segments called Subnets on the basis of IP addressing scheme.

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

Which one is not included in the networking topologies?

Star Topology

Bus Topology

Media Topology pg14

Ring Topology

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

CSS is a breakthrough in Web design because it allows developers to control the -----

-

Processing speed on client side

Style and layout of multiple Web pages

Data grid view on client side

Style and layout of home page

CSS is a breakthrough in Web design because it allows developers to control the style and layout of multiple Web pages all at once.

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Ref

http://www.w3schools.com/web/web_css.asp

Question No: 5 (Marks: 1) - Please

Choose one Border-width: specifies the width of all borders in the order

'border-right-width, border-bottom-width, border-left-width, border-top-width'

'border-bottom-width, border-left-width, border-top-width, border-right-width'

'border-top-width, border-right-width, border-bottom-width, border-left-width'

PG49

None of these

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

Document. Write (str.replace(/Microsoft/, "W3Schools"))

This string object is deleting Microsoft word

This string object is concatenating the Microsoft with W3schools

This string object is replacing Microsoft with W3schools

None of these

Ref

http://iswww.w3schools.com/jsref/jsref_replace.asp

Question No: 7 (Marks: 1) -

Please choose one How do you define a function in JavaScript?

function:myFunction()

function my Function() pg 58

declare myFunction()

new myFunction

Question No: 8 (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

none of the above

1. creates a control variable, initialization (specify starting value of counter variable)

2. sets the termination condition

3. increments a counter

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

Note: Solve these papers by yourself

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Second control statement in a for loop usually

Sets the termination condition

Increments a counter

Creates a control variable

None of the above

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

Choose the correct HTML tag to make a text italic

<it>

<i> PG19

<italics>

<italic>

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

The 'shape' attribute of <AREA> tag accepts the following values, EXCEPT

Rect

Circle

Poly

Square pg36

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

<AREA> tag is used within the

<MAP> tag pg 36

<FRAME> tag

<FRAMESET> tag

 tag

Question No: 13 __ (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 top of the document In

the <head> section PG42

Between head and body

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

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In CSS, How do you make the text italic?

font:i

style:italic

font-style: italic Pg 44

font:italic

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

What is identified by the tag <FRAMESET COLS="20%,60%,20%">?

Horizontal frame

Vertical Frame Pge31

Top Frame

Bottom Frame

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

Creating your own tags is not possible in HTML but in XML it is possible to create Your own tags.

True

False

XML is not a markup language with defined tags; rather, one can create one's own set of tags in XML

MIDTERM EXAMINATION Spring 2009
IT430- E-Commerce (Session - 3)

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

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

SMTP

POP3

IMAP (page 18)

ICMP

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

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

<css>

<script >

<sheet>

<style>

Ref

http://www.ex-designz.net/test_grade.asp?tid=37

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Question No: 3 (Marks: 1) - Please choose one
For which one of the following, <MARQUEE ...> tag can work better

News headlines

Announcements

Sound pulgin

Movie controls

Ref

http://www.htmlcodetutorial.com/_MARQUEE.html

Question No: 4 __ (Marks: 1) - Please choose one
Choose the correct HTML code line which left-align the content inside a table cell.

<td leftalign>

<td valign="left">

<td align="left"> (page 26)

<tdleft>

Question No: 5 __ (Marks: 1) - Please choose one
How do you write a conditional statement for executing some statements only if "i" is NOT equal to 5?

if != 5 then

if (i != 5) (page 58)

if <>5

if (i <> 5)

Question No: 6 (Marks: 1) - Please choose one
What is the correct JavaScript syntax to write "Virtual University of Paistan"?

document.write("Virtual University of Paistan ")

("Virtual University of Paistan ")

" Virtual University of Paistan "

response .write("Vi rtual University of Paistan ")

Question No: 7 __ (Marks: 1) - Please choose one
We can divide the Client Server architecture up to:

3 Tier

N-Tier

1 Tier

2 Tier

Ref [PPT#1]

Note: Solve these papers by yourself

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CLIENT SERVER ARCHITECTURE

Question No: 8 (Marks: 1) - Please choose one
Choose which one is the not the columns of Log files.

IP addresses

Request (url)

Date

Contents

Question No: 9 __ (Marks: 1) - Please choose one
An address represented by four decimal numbers separated by a period is the

IP (PAGE 7)

RIP

MAC

NON OF THE GIVEN

Question No: 10 (Marks: 1) - Please choose one
Which operator is used to concatenate two strings?

+ (PAGE 61)

*

&&

&

Note that in the brackets of 'document.write' we concatenate or join some text information called string (within double quotation marks) with the addition/subtraction of two nos. using '+' sign.

Question No: 11 __ (Marks: 1) - Please choose one
Which SQL statement is used to extract data from a database?

GET

OPEN

SELECT

EXTRACT

Ref: http://www.ex-designz.net/test_grade.asp?tid=36

Question No: 12 __ (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 (PAGE 96)

Note: Solve these papers by yourself

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gateway firewall
Hybrid firewall

Question No: 13 __ (Marks: 1) - Please choose one
In CSS, How do you make each word in a text start with a capital letter?

text-transform :capitalize pg46

text-transform: uppercase

text:capitalize

You can't do that with CSS

Question No: 14 __ (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. Pg26

Question No: 15 (Marks: 1) - Please choose one
<http://cs.vu.edu> is an example of

Two zone domain name

Three zone domain name (page 12)

Four zone domain name

Five zone domain name

Question No: 16 __ (Marks: 1) - Please choose one
In data link layer, data packets are placed inside

Data frames (page 6)

Data boxes

Data streams

None of these

Question No: 17 __ (Marks: 1)

What are the two types of twisted pair cables for networking ?

In twisted pair there are two further options – unshielded twisted pair (UTP) and Shielded Twisted Pair (STP).

For further definition <http://www.computerhope.com/jargon/t/twispair.htm>

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IT430- E-Commerce (Session - 3)

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

Which one of the following divides large network in small logical segments called subnets on basis of IP ADDRESSES?

Routers (page 16)

- Bridge
- None of these
- Switches

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

Which one is not included in the networking topologies?

- Star Topology
- Bus Topology

Media Topology PG14

- Ring Topology

Question No: 3 __ (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" href="mystyle.css">
</head><body>
6. <h3 style="font-size:40pt">This is header 3</h3>
</body></html>
mystyle.css:
h3{ color: red}
```

Browser default

External style sheet PG39

- Inline style
- Internal style sheet

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

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

view

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css

Style

Layout

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

What is the correct HTML for making a hyperlink?

`W3Schools.com`

`<a>http://www.w3schools.com`

`W3Schools` (page 23)

`W3Schools.com`

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

How do you write a conditional statement for executing some statements only if "i" is NOT equal to 5?

if != 5 then

`if (i != 5)`

if <>5

if (i <> 5)

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

How many different kind of loops are there in JavaScript?

One. The "for" loop only

Two. The "for" loop and the "while" loop

Four. The "for" loop, the "while" loop, the "do...while" loop, and the "loop.. .until" loop

None of the above

REF

http://www.ex-designz.net/test_grade.asp?tid=65

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

What does DTD stand for?

Do The Dance.

Dynamic Type Definition.

Data Type Definition. (page 76)

Direct Type Définition.

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

Which of the following needs human action to execute?

Virus (page 94)

Worm

Trojan Horse

All of these

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

For showing image on web page, save your image at any drive or folder like C:\abc.jpeg is an example of

Relative Address

Absolute address

None of the given

Ref

Absolute paths are called that because they refer to the very specific location, including the domain name. The absolute path to a Web element is also often referred to as the UR

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

ASP server scripts are surrounded by delimiters, which?

<script>.. </script>

<%...%>

<%>...</%>

<&>...</&>

Ref

http://www.w3schools.com/asp/asp_syntax.asp

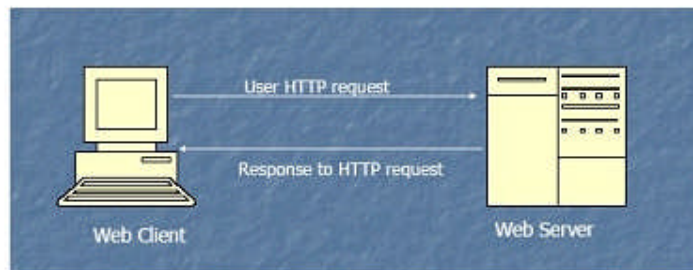
Question No: 12 (Marks: 1) - Please choose one

This is an example of

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0-tier architecture

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1-tier architecture

2-tier architecture

n-tier architecture

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

Which protocol is used to set up the dial up connection between RAC and RAS for exchange of data packets?

PPP (page 98)

POP3

SMTP

FTP

Question No: 14 (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)

Server

Security

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

Intra Business involves only selling of corporate products to consumer.

True (page 2)

False

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

#00ff00 in HTML indicates

Pure green color (page 23)

Pure blue color

Pure red color

Pure yellow color

MIDTERM EXAMINATION Spring 2009

IT430- E-Commerce (Session - 2)

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

Build Mission statement

Management strategy

none

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

Note: Solve these papers by yourself

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One who is making the Web standards?

Netscape

Internet service providers

The World Wide Web Consortium

Microsoft

Question No: 3 __ (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

Global Variables

Local and Global

None of the above

Ref

http://www.w3schools.com/js/js_functions.asp

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

There is a way of describing XML data, how?

XML uses a description node to describe data

XML uses a DTD to describe the data

XML uses XSL to describe data

None of these

Ref

<http://www.dotnetspider.com/questions/ViewQuestion.aspx?QuestionId=6754&>

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

One which of the following property falls in HTTP?

Stateless (repeated)

State full

Temporary

All of these

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

Choose the correct HTML tag to make a text bold

<tbold>

<bld>

<bold>

Note: Solve these papers by yourself

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

What is the default scripting language in ASP?

EcmaScript

JavaScript

Java

VBScript (page 85)

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

Which one of them is not a feature of e-commerce software?

catalog display

web hosting (page 92)

web services

transaction processing

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

When two or more intranets are connected to each other they form a/an -----

VPN

Intranet

Internet

Extranet (page 2)

Question No: 10 (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)

Server

Security

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

Which one is NOT a valid frame attributes?

NORESIZE

ROWS (page 33)

FRAMEBORDER

BORDER

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

IP version 6 provides -----bits and also contains -----

Note: Solve these papers by yourself

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128. hexadecimal (page 11)

- 64, hexadecimal
- 32, binary
- None of the Above

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

A JavaScript event is generated when a user -----.

- Clicks a hyperlink
- Clicks a button
- Enters data in a form

All of the above (page 54)

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

Creating your own tags is not possible in HTML but in XML it is possible to create your own tags.

True

False

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

IP, RIP, and ARP protocols work on

- Application layer
- Session layer

Network layer (page 6)

Data link layer

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

In the communication between two computers on a network, CRC is calculated at

- Sender's side
- Receiver's side

Both sender and receiver sides

Neither on sender nor on receiver side

Ref

[PPT] Business Data Communications and Networking

MIDTERM EXAMINATION

Spring 2009

IT430- E-Commerce (Session - 4)

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

In datalink layer, data packets are placed inside

► Data frames (page 6)

Note: Solve these papers by yourself

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- ▶ Data boxes
- ▶ Data streams
- ▶ None of these

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

Which of these is the correct HTML code for creating a reset button?

- ▶ `<input type = "button" name = "reset" value = "reset">`
- ▶ `<input type = "resetButton" value = "Clear">`
- ▶ `<input type = "reset" value = "reset">` (page 26)
- ▶ `<input type = "button" name = "reset" value = "clear">`

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

.....tag is used intotag because a row contains multi cells and to fill up these cells with data.

- ▶ `TD..... TR` (page 25)
- ▶ `TR..... TD`
- ▶ `TD..... TG`
- ▶ `TG..... TR`

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

Individuals who write programs or manipulate technologies to gain unauthorized access to computers and networks are -----.

- ▶ administrators
- ▶ experts
- ▶ **hackers** (page 94)
- ▶ coders

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

Which tag is used for the hidden fields?

- ▶ `<FIELD>`
- ▶ `<TEXT>`
- ▶ `<INPUT>` page 88
- ▶ `<HIDDEN>`

`<INPUT TYPE= "HIDDEN" NAME= "Shirt1" VALUE="25">`

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

What is a correct way of referring to a stylesheet called "mystyle.xml" ?

`<?xml-stylesheet type="text/xml" href="mystyle.xml" ?>`

- ▶ `<link type="text/xml" href="mystyle.xml" />`

Note: Solve these papers by yourself

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- ▶ <stylesheet type="text/xsl" href="mystyle.xsl" />
- ▶ <?stylesheet type="text/xsl" href="mystyle.xsl" ?>

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

Which of them is NOT a predefined object?

- ▶ Document
- ▶ Date
- ▶ **Loop**
- ▶ Array

Ref: http://www.quackit.com/javascript/javascript_reserved_words.cfm

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

Which of these is not a comparison operator?

- ▶ <
- ▶ >
- ▶ **= pg58**
- ▶ !=

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

Var d = new date()

Which of the following is correct about the d variable?

- ▶ instance of new
- ▶ instance of Date() method
- ▶ **instance of Date object pg69**
- ▶ Simple Variable

Question No: 10 (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 (repeated)**
- ▶ Global Variables
- ▶ Local and Global
- ▶ None of the above

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

Which of the following , is condition part of given For loop

for (i = 0; i <= 5; i++).

- ▶ i=0.

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- ▶ i++.
- ▶ **i <= 5.**
- ▶ (i = 0; i <= 5; i++).

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

What is the correct JavaScript syntax to write "Virtual University of Paistan"?

- ▶ **document.write("Virtual University of Paistan ")**
- ▶ ("Virtual University of Paistan ")
- ▶ " Virtual University of Paistan "
- ▶ response.write("Virtual University of Paistan ")

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

Which of the following is NOT valid HTML code line?

- ▶ <frameset rows="16%,84%">
- ▶ **<frameset columns="16%,84%">**
- ▶ <frameset cols="100,150">
- ▶ <frameset cols="50%,50%" rows="16%,84%">

Ref

<http://www.academictutorials.com/answers.asp?id=1>

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

CSS is a breakthrough in Web design because it allows developers to control the-----

- ▶ processing speed on client side
- ▶ Data grid view on client side
- ▶ Style and layout of home page
- ▶ **Style and layout of multiple Web pages**

[http://www.trainingclasses.com/course_hierarchy/Computer/Web_Pages and Design/](http://www.trainingclasses.com/course_hierarchy/Computer/Web_Pages_and_Design/)

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

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

- ▶ <css>
- ▶ <script>
- ▶ **<style> (repeated)**
- ▶ <sheet>

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

What is the correct HTML tag for adding a background color?

- ▶ <background>yellow</background>
- ▶ **<body bgcolor="yellow"> (repeated)**

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- ▶ <body color="yellow">
- ▶ None

MIDTERM EXAMINATION Spring 2009
IT430- E-Commerce (Session - 2)

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 (page 2)

Business-to-consumer (B2C)

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

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

A

B (page 10)

C

E

Question No: 3 (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

At the top of the document

Ref: http://www.ex-designz.net/test_grade.asp?tid=37

Question No: 4 __ (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)

Shallow copy of object

Question No: 5 (Marks: 1) - Please

Choose one what does DTD stand for?

Do The Dance.

Dynamic Type Definition.

Data Type Definition. (page 76)

Direct Type Définition.

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Question No: 6 __ (Marks: 1) - Please choose one Which one of Following file is used to translate XML:

DTD

XSL (repeated)

XML parser

Browser

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

In which of the following language, XML parser is usually written.

VB.net

Java (page 77)

Asp.net

C++

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

In _____key cryptography, everyone has access to all the public keys

Public (page 100)

Private

Symmetric

Certified

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

How do you define a numerical value?

```
var mynum = new Math;
```

```
var mynum = Math(6);
```

```
var mynum = 6;
```

```
Math.mynum = 6;
```

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

What is $17\%5$?

2

3

85

84

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

An array can contain -----.

only text

Note: Solve these papers by yourself

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only numbers
only numbers or text

any valid variable

Ref http://java.sun.com/docs/books/jls/second_edition/html/arrays.doc.html

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

One which tag is used for the hidden fields?

<FIELD>

<TEXT>

<INPUT> (page 88)

<HIDDEN>

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

Packet filter firewall operates at

- a) data link layer
- b) network layer
- c) transport layer

a and b only (page 96)

- c only
- b and c only
- a, b and c

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

Which one has the functionality to redirect the filled information to an other page.

Submit button

Reset button

Radio button

None of the given

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

Due to which characteristics, ATM network are covered under E-commerce ?

Exchange of information through computer networks
Internet.

Exchanging of products, services.

None of the above.

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

IP, RIP, and ARP protocols work on

Application layer

Session layer

Note: Solve these papers by yourself

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Network layer (page 6)

Data link layer

MIDTERM EXAMINATION Spring 2009
IT430- E-Commerce (Session - 1)

Question No: 1 __ (Marks: 1) - Please choose one
Marketing plan should be same for all E-commerce classification.

True

False

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

Identify the networking device which regenerates the signals if these become weak.

Hub

Switch

Router

Repeater (page 15)

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

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

``

`` (page 33)

``

None of these

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

Content pages relate to which of the following tag?

`<iframe>`

`<Frame>`

`<frameset>`

`<noframes>`

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

What is the correct HTML for referring to an external style sheet?

`<style src=mystyle.css>`

`<link rel= "stylesheet" type= "text/css" href= "mystyle.css">`

`<stlyesheet> mystyle.css</stlyesheet>`

All of these

Ref

http://www.ex-designz.net/test_grade.asp?tid=37

Note: Solve these papers by yourself

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Question No: 6 __ (Marks: 1) - Please choose one
Choose the correct HTML code line which left-align the content inside a table cell.

<td leftalign>
<td valign="left">
<td align="left"> (page 26)
<tdleft>

Question No: 7 (Marks: 1) - Please choose one
In a Frameset code, do the BODY tags belong inside or outside of the NOFRAMES tag pair?

Inside because an HTML Document can only include one or the other
Outside, to be seen by the older browsers [NN version 1 and IE version 2]
Outside because the W3C says that to be valid
Contain a BODY tags pair.

Ref

<http://www.tjkdesign.com/articles/frames/quiz.asp>

Question No: 8 _____ (Marks: 1) - Please choose one
In CSS, the font-style property can make text what?
Bigger.

Italic.

Different colors.

Change size.

Ref

http://www.w3schools.com/css/css_font.asp

Question No: 9 (Marks: 1) - Please choose one
Which CSS tag is used to place an image that would remain when user scrolls down or up the page?

background-attachment: fixed

background-attachment: scroll

background-attachment : up

All of these

Using background-attachment: fixed, the background image would remain in place when the user scrolls up and down the page.

Question No: 10 (Marks: 1) - Please choose one
Which of the following, in JavaScript, we could not create our own?

Note: Solve these papers by yourself

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Textboxes
Dropdown
Object PG56
Image

Question No: 11 (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) (page 58)

Question No: 12 __ (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)

Shallow copy of object

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

Which one of following file is used to translate XML:

DTD

XSL (page 77)

XML parser

Browser

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

How can you reference part of a string?

text.substr(5,6);

text.part(5,6)

text. piece(5 ,6)

text.split(5,6);

<http://php.net/manual/en/function.substr.php>

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

Which one is the correct CSS syntax?

h1 {font-size:72pt} (page 39)

h1:font-size=72pt

Note: Solve these papers by yourself

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{h1;font-size=72pt}
{h1;font-size:72pt}

Question No: 16 __ (Marks: 1) - Please choose one
In the communication between two computers on a network, CRC is calculated at

- Sender's side
- Receiver's side
- Both sender and receiver sides**
- Neither on sender nor on receiver side

MIDTERM EXAMINATION
Spring 2009
IT430- E-Commerce (Session -2)

Question No: 1 __ (Marks: 1) - Please choose one
Enable Virtual private network protocol (VPN) to become a part of

Extranet (page 98)

- Intranet
- Extranet and Intranet
- None of these

Question No: 2 (Marks: 1) - Please choose one
Content pages relate to which of the following tag?

- <iframe>
- <Frame>
- <frameset> (page 31)**
- <noframes>

Question No: 3 (Marks: 1) - Please choose one
The attributes used by <EMBED . . .> depend on the type of ?

plugin being used

- Browser being used
- ISP being used
- Sound/movie being used

Ref: http://www.htmlcodetutorial.com/embeddedobjects/_EMBED.html

Question No: 4 (Marks: 1) - Please choose one
Which of the following is HML tag could n't be used as CSS tag?

Note: Solve these papers by yourself
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<style>

<h1>

<p>

<a> (page 39)

1st 3 tag use for css

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

Which CSS tag is used to place an image that would remain when user scrolls down or up the page?

Background-attachment: fixed (page 48)

Background-attachment: scroll

Background-attachment: up

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

What does mean by! = comparison operator?

Equal to Not

Equal

Not equal (page 58)

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

For which of following purpose the Firewall is used?

Efficient working

None of these

Protection against security attacks (page 96)

Networking purpose

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

Which one of the following certifies the binding between public key and its owner?

CA (page 101)

KDC

TLS

Firewall

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

Choose the correct HTML tag to make a text bold?

<tbold>

**** (page 19)

<bld>

<bold>

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

Note: Solve these papers by yourself

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Middleware establishes connections between -----.

E-commerce software and accounting system (page 92)

E-commerce software and web services web
Services and CRM software
ERP and CRM software

Question No: 11 (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 and II only

I, II and III (page 96)

I and III only

I only

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

When two or more intranets are connected to each other they form a/an -----

- VPN
- intranet
- internet

Extranet (page 2)

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

Which one specifies the amount of space between the edges of the cell and the text inside?

- Space tag
- CELLSPACING
- CELLPADDING**
- FRAMESPACING

Ref: <http://www.free-cgi.com/freecgi/reference/table.php>

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

Which of the following CANNOT be a value for the 'target' attribute in anchor tag?

- new**
- _top
- _blank
- _self

Ref: <http://www.developingwebs.net/html/targetattribute.php>

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

Note: Solve these papers by yourself

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One In what form are style rules presented?

selector { property: value }

selector { property=value }

selector (property: value)

selector (property= value)

Ref: <http://htmlhelp.com/reference/css/quick-tutorial.html>

Style rules are formed as follows:

selector { property: value }

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

What is identified by the tag <FRAMESET COLS="20%,60%,20%">?

Horizontal frame

Vertical Frame (page 31)

Top Frame

Bottom Frame

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