SUOANU

1) AJAX.
- Stands for Asynchronous Javascript + XML
- It is a new technique for creating better and faster and more interactive web applications with the help of XML, HTML, CSS & Javascript.

- Ajax uses xHTML for content, CSS for presentation, along with document object Model and Java script for dynamic content display.

- AJAX is a web browser technology independent of web server software.

2) DNS server.
- Stands for Domain Name System.
- Is the phonebook of the internet.

- When users type domain names such as google.com into web browsers, DNS is responsible for finding the correct IP address for those sites. Browser then use those addresses to communicate with origin server.

Q2) XML various parsing techniques

    DOM Parser, SAX parses
    JDOM parses, stax parser
    Xpath parsor.

9)   differen bept css and XSL

CSS	XSL
css is a style sheet language ~~document~~ used for describing the presentation semantics of a document written in a markup language.	is used to refer to a family of languages used to transform and render XML documents.
- CSS can be used to style HTML documents	- XSL cannot be use to style HTML document.
- css cannot be use to transform XML document	- XSL can be used to transform XML document

2018 January

7
Sunday

December
Sun	Mon	Tue	Wed	Thu		
31						
3	4	5	6	7		
10	11	12	13	14		
17	18	19	20	21		
24	25	26	27	28		

February
Sun	Mon	Tue	Wed	Thu		
				1		
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11	12	13	14	15		
18	19	20	21	22		
25	26	27	28			

Architecture of Web browser.

web server

A request is made by web browser to web server

web server serves the web page.
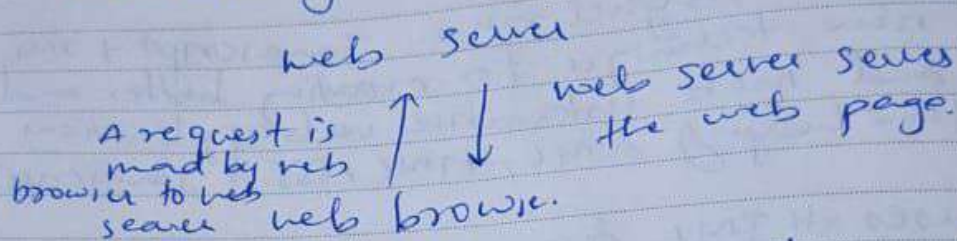
web browser.

The architecture of a web browser has certain components. They are controller/dispatcher, interpreter and client program.
The control unit in a CPU is a controller that takes in the input, interprets it and then instructs the device to work in a certain way. The interpreter recieves this info from the controller to get ahead in the given task step by step. Lastly the client program has sets of protocols to complete a particular service

ai) XM

g)

CSS
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de

pre

i

- C

- C

15 2018 January
Monday

December
Sun	Mon	Tue	Wed	Thu	Fri
31					1
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3. Regular expression Validator.

- This are patterns that define the format of the text. ~~If the text is in the same format~~

- It is a very versatile validation control. It matches the input text against the pattern specified in the validation expression property.

```
$ (document) . ready (function () {
    $ ("button") . click (function () {
        $ ("p") . hide () ;
    });
}";
```

→ #test
· test

9) Any two - ASP. Net validation controls.

1) **Required field validator**

This is an elementary validation control. Almost all the forms have some fields that are mandatory to be filled up by the user before proceeding forward.

The required field validators ensure that such fields are not left empty.

2) **Range validator.**

The Range validator control simply specifies the permitted range within which the input value should fall.

Advantage of Javascript -
- Client-Sid : Javascript is very fast because
  it can be run immediately with the
  client side browser.
- Javascript is simple to learn and implement
- Javascript is used everywhere in the web.

Disadvantages.
- Client-Side Security. Because the code executes
  on the user's comp - in some case it
  can be exploited for malvicious purposes.

- Browser support. Javascript is sometimes
  interpreted differently by different browsers.
  This makes somewhat difficult
  to write cross - browser code

9) Explain any three types of JQuery

       Tag name , Tag id , Tag Class.

Tag name-
It represents a tag name available in
the DOM.

Tag id. .
It represent a tag available with a
specific ID in the DOM.

Tag Class.
It is a   with a specific
class in the DOM.

23 Tuesday

mouse Entu.

The mouseenk method attaches an event handler function to an HTML element.

This function is executed when the mouse pointer enter the HTML element.

```
$("#p1").mouseenter (function() {
    alert ("Entered p1");
});
```

24 Wednesday

Mouse leave.

- th ___
  " ___

- the f. ___ . when the mouse pointer leaves the HTML element.

Jquery Eient -

Click.

- The click method attaches an event handler function to an HTML element.

```
$ ("p"). click (function() {
    $ (this). hide ();
});
```

dbt click.

The dblclick method attaches an event handler function to and HTML element.

```
$ ("p"). dblclick (function() {
    $ (this). hide ();
});
```

* frames
= It can display more than one html document in a same browser window.
- Each html code document is called from and each frame is independent of each other.
→ <frameset> tag is used to divide browser window
→ <body> tag is not required

Attributes
- Rows   - Border color
- Colums   - Name
- frame border

① Rows.
It divides browser window row wise.

```
<html>
< frameset rows = "30%, 70%">
</frame set>
</html>
```

② Colums.
It divide browser window colums wise.

```
<html>
<frame set colum = "33%, 33% , 34%">
```

* forms Tags.
→ Website use form to collect information from user and transmit that information to a server for procesing.
→ Html form is used to pass the data to a server.
→ You can have more than one html form in a single page.