

**SHORT QUESTION ( 2 MARKS)**

1	What is XML?
2	What is the use of callback parameter of JQuery effect methods?
3	What is the difference between remove() and empty() method of JQuery?
4	How many types of tags are there in XML? Explain with example.
5	What is DTD?
6	Explain #id selector in JQuery
7	What is class selector in JQuery?
8	What is SET method in jQuery?
9	What is chaining effect in jQuery?
10	Give difference between wrap and unwrap methods in jQuery.
11	What is selector in jQuery? List any five selectors.
12	How to define JSON objects?
13	Define npm
14	What is package.json?
15	Which commands are used to check version of node and npm?
16	What is XML Element?
17	What is an attribute?
18	Name few tools and frameworks developed over Node JS to make it more easier to use.
19	What is the use of require()?
20	Explain write Head() and createServer() methods of HTTP modules.
21	Explain JSON
22	What is AJAX?
23	Where Node Js is used for?
24	Give examples of few third party modules
25	What do you mean by Document Ready Event?
26	What is element selector in JQuery?
27	What is GET method in JQuery?
28	What is the difference between JavaScript and Node.js?
29	What is the use of css() method in jQuery?
30	What are the advantages of AJAX?
31	What are the types of send() method used for XMLHttpRequest?
32	What is the purpose of Node.js?
33	Write about JSON multi-dimensional array
34	How to read query-string in Node.js
35	What is the difference between writeFile() and appendFile()?

**LONG QUESTION ( 5 TO 7 MARKS)**

1	Write a note on jQuery.
2	Write a note on jQuery events.
3	Write a note on effects of jQuery.
4	What are the types of selectors in jQuery? Explain each
5	Explain jQuery methods for CSS manipulation.
6	Explain jQuery insert methods
7	Explain jQuery methods to modify DOM.
8	Write features of AJAX.
9	Explain working / architecture of AJAX with diagram.
10	Explain various methods of XMLHttpRequest
11	Explain various properties of XMLHttpRequest
12	Explain XMLHttpRequest objects.
13	Write difference between Synchronous and Asynchronous web application.
14	Explain important concept, features and working of Node JS.
15	What is working of http module explain in detail.
16	Discuss various components of Node JS.
17	List and explain few methods of request and response objects of http.
18	Explain how to create and include user-defined modules.
19	Give a detailed description of different ways to create a file.
20	Explain Node Js as a server.
21	Explain the Characteristic and syntax of XML.
22	Write note on XML document prolog section.
23	Write note on XML document element section
24	Write rules of XML declaration with example
25	What is XML? Discuss the rules of XML declaration with example.
26	How JSON array of objects works? Explain in detail with example.
27	Explain how to create and include user-define modules.
28	Explain features of JSON in detail with example.
29	jQuery events with example.
30	Explain file system module in Node.js with proper example.
31	Compare JSON with XML.
32	Explain JSON array and Object
33	How will you write comment in JSON? Explain with example.
34	Explain Node.js platform in detail with diagram.
35	Explain query string in Node.js with example.

**PROGRAM FOR THEOARY EXAM ( 5 TO 7 MARKS)**

1	Write a script to check the person is eligible for voting or not using node.js console application.
2	Display the Books information (BookId,BookName,Price,Author)using the JSON object in array.
3	Write a program to create JSON array consisting employee name and display in <p>.
4	Write a script to change the text color of all h1 elements in the web page.
5	Perform arithmetic operation using node.js console application (use switch case)
6	Write a program to create an XML file for Students consisting of Sid, Sname, Age, Gender, Email, Mobilleno. Enter at least 3 records.
7	Write a script to get the value of a textbox
8	Display your name when text box receive focus and remove your name when textbox lost the focus.
9	Get the HTML contents of any element.
10	Set the text contents of any element
11	Demonstrate toggle effect.
12	Demonstrate fade-in and fade-out effect.
13	Demonstrate speed parameter (duration) in slide-up and slide-down.
14	Create a Node.js local module for calculate simple interest and create application to perform the same.
15	Remove the parent element of an HTML element from the page.
16	Write a script to insert HTML at the end of the <p> elements
17	Write a node.js program that creates the customer.txt file and perform the following operation. 1. Read from file 2. Write in file 3. Delete the file
18	Limit character input in the textarea including count using jQuery
19	Make first word bold of all elements
20	Create a div using jQuery with style tag
21	Add a list elements within an unordered list element.
22	Add options to a drop-down list using jQuery
23	Change button text using jQuery.

24	Delete all table rows except first one using jQuery
25	Set href attribute at runtime using jquery.
26	Add attribute using jQuery
27	Create a Node.js local module for find maximum of 3 number and create application to perform the same.
28	Create a .json file for product catalogue for 3 product.
29	Create an Node.js web application and print your name.
30	Read the name and age of student using Node.js web application (query-string)