**Course Code: CSL4209 Semester:II**

**Course Title: Client Side Technologies AY:2019-20**

**Ques1:** Write a program to implement JavaScript event handling functions like onblur(), onchange(), onfocus(), onmouseover(), onmouseout(), onreset(), onsubmit(), onchange().

**Ques 2:** Design a calculator using JavaScript, in which there are multiple buttons representing numbers and operators. User can provide the input by clicking on the buttons.

**Ques 3:** Write a program to display the following pattern using JavaScript:

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**Ques 4:** Differentiate between innerwidth , innerheight and outerwidth, outerheight, closed property of window object with the help of programs.

**Ques 5**: The appendChild() method appended the new element as the last child of the parent .Is there exists any property which can add the element at the specified position. Explain with the help of an example.

**Ques 6:**Write a program to implement JavaScript history object methods.

**Ques7:**Describe navigators. Also write the code to implement various navigator object properties.

**Ques 8:** Write a program using prompt box to input student marks. If marks>90, display the message “ excellent” , if (marks>70 & marks<90) display the message “ very good” if (marks>60 & marks<70) display the message “ good” , if (marks>40 & marks<60) display the message “ ok”, if (marks<40) display the message “ you are fail”.

**Ques 9:** Write a program in javascript to calculate fibonacci series.

**Ques 10:**Differentiate between document.body and document.documentElement with the help of an

example**.**

**Ques11:** Write a program using concept of arrays to implement push, pop, slice, reverse and sort the array elements.

**Ques 12:**Write a program in Javascript to check whether number is even or odd. Number entered with

the help of prompt.

**Ques 13:** Mention that function which adds a new element node to an existing node. Also write the code

for the same.

**Ques14:** Mention that function which adds a new element node to an existing node. Also write the code

for the same.

**Que15:** Differentiate between taintEnabled() method and javaEnabled() method with the help of example.