**Java Script (Theory)**

**Chap 1-4**

1. Write some features of JavaScript.
2. “JavaScript is called interpreted language”- why?
3. Write the different between HTML and JavaScript.
4. Why JavaScript is called weakly type language?
5. How many literals are available in JavaScript? Explain with example.
6. Write the function of, alert ( ), prompt ( ), parseInt ( ) and ParseFloat ( ).
7. What do you understand by Undefined and null values?
8. What is variable? How global and local variable works?
9. Write the difference between primitive and compound data.
10. What is an array? Explain the function of the following array methods: Array.pop( ), Array.pusher, Array.shift ( ), Array.unshift ( ), Array.slice ( ) and Array.Splice( ).
11. Write three methods of concatenating array elements.
12. What are the three categories of operators? Explain.
13. Write The function of new, delete and void operaters.

**Chap 5-7**

1. Explain the three basic structure of JavaScript.
2. Write difference between if-then-else and switch-case structure.
3. Write the difference between while and do-while loop.
4. How For loop and For/in loop works?
5. Describe the use of with statement.
6. Write the difference between break and continuous statement.
7. How many and how you can fire a function?
8. Where return statement is used and How?
9. How function constructor and function literals are declared?
10. Show the hierarchy of HTML form.
11. What are the five cross-browser properties of Screen object?
12. Explain any five properties of window object.
13. Write the four timing method of window object.
14. Write the function of following methods:

Open ( ), close() , move By ( ), move to ( ), resize By ( ) and resizeTo()

**Chap 8-13**

1. What do you understand by proto type concept in JavaScript?
2. Explain any five Tag methods of string object.
3. Explain any five action methods of string object.
4. Explain the four regular expression methods of string object.
5. Why object-oriented programming is essential in JavaScript?
6. What is Document Object Model (DOM)?
7. What is the benefits of preloading image?
8. Explain the four arguments of open method of windows object.
9. Explain the use of location object with example.
10. Explain the use of anchor object with example.
11. Explain the use of history object with example.
12. What are the mouse-events used in JavaScript?
13. What are the key-events used in JavaScript?
14. What are the form-events used in JavaScript?
15. What are the page/window/image-events used in JavaScript?
16. Describe how form arrays are used?
17. What is purpose of using hidden text in forms.