

## Question Bank -Unit 2

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### Q1. 2marks

- a) Write a Java script that initializes an array called flowers with the names of 3 flowers. The script then displays array elements.
- b) Write a JavaScript that initializes an array called Colors with the names of 3 Colors and display the array elements.
- c) Write Java script to call function from HTML.
- d) Explain calling a function with arguments in JavaScript with example.
- e) State the meaning of “Defining a function”. Explain with the help of an example
- f) Give syntax of and explain function in JavaScript with suitable example
- g) Differentiate between shift() and push() methods of an Array object
- h) Write a program using sort() method.
- i) Write a JavaScript program to display the elements of array in ascending and descending order.

### Q2. 4marks

- a) Write the use of CharAt() and indexOf() with syntax and example
- b) Differentiate between concat () and join () methods of array object.\*
- c) Write a Java script code to display 5 elements of array in sorted order.
- d) Write a Java script that will replace following specified value with another value in a string. String = “ I will fail” Replace “fail” by “pass
- e) Write a Java script code to display 5 elements of array in sorted order.
- f) Write a javascript program to demonstrate java intrinsic function.
- g) Write a javascript function that accepts a string as a parameter and find the length of the string.
- h) Write the use of charCodeAt() and fromCharCode() method with syntax and example.
- i) Differentiate between push() and join() method of array object with respect to use, syntax, return value and example
- j) Explain splice() method of array object with syntax and example.
- k) Write JavaScript code to perform following operations on string. (Use split() method)  
Input String : “Sudha Narayana Murthy”  
Display output as First Name : Sudha Middle Name : Narayana Last Name : Murthy
- l) Differentiate between substring() and substr() method of a string class. Give suitable example of each
- m) Write a Javascript program to remove duplicate element from array .
- n) Write and explain a string functions for converting number to string and string to number
- o) Write a Javascript program to merge two arrays and remove duplicate values

p)

Write a JavaScript program that will display list of student in ascending order according to the marks & calculate the average performance of the class.

Student Name	Marks
Amit	70
Sumit	78
Abhishek	71

q)

r)

2) Write a Java script program which computes, the average marks of the following students then, this average is used to determine the corresponding grade.

StudentName	Marks
Sumit	80
Kalpesh	77
Amit	88
Tejas	93
Abhishek	65

The grades are computed as follows :

Range	Grade
< 60	E
< 70	D
< 80	C
< 90	B
< 100	A

s)

t) State the use of following methods: i) charCodeAt ( ) ii) fromCharCode ( )

u) Explain Associative arrays in detail.

v) Explain how to add and sort elements in array with suitable example.

### Q3. 6marks

- Write a javascript to checks whether a passed string is palindrome or not.
- Develop javascript to convert the given character to unicode and vice-versa.