**Q1. How to check if an object is an array or not? Provide some code. 4**

**Q2. Write the JavaScript code to change the content and color of the HTML element below when we click button?**

**<h1 id="demo">May the code be with you.</h1> 4**

**Q3. Write a function that takes the base and height of a triangle and return its area. 4**

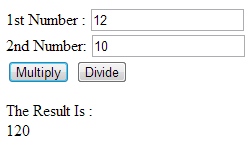
**Q4. Write a JavaScript program to find the maximum number in an array.  4**

**Q5. Write a JavaScript function that reverses a number. 6**

**Example x = 32243;**

**Expected Output : 34223**

**Q6. Write a JavaScript program to calculate multiplication and division of two numbers (input from the user).**

**Sample form :  
**

**Q7. Write a JavaScript program to display the current day and time in the following format. 6  
Today is : Tuesday.  
Current time is : 10 PM : 30 : 38**

**Q8. Write a Java Script Program to create 10-character random password generator.**

**Q9. How to check if an object is a string or not? Provide some code. 4**

**Q10. Write a JavaScript program to compute the sum and product of an array of integers. 4**

**Q11. Write a JavaScript program to calculate area of circle when the radius of the circle will be supplied by the user. 4**

**Q12. Write a JavaScript program to check the given number is positive or not. 4**

**Q13. Write a JavaScript function that returns the Fibonacci sequence up to a given number of terms.**

**Q14. Write a JavaScript conditional statement to find the sign of product of three numbers. Display an alert box with the specified sign 6  
Q15. Write a JavaScript program to display the current day and time in the following format. 6  
Today is : Thursday.  
Date is : 21**

**Q16. Write a java script program using nested loop to print following pattern in console. 6**

**4 3 2 1**

**4 3 2**

**4 3**

**4**

**Q17. Write a JavaScript function to check whether a string is blank or not. 4**

**Q18. Write a java script program to find area of rectangle when width and height are given. 4**

**Q19. Write a JavaScript function to capitalize the first letter of a string. 4**

**Sample Input: cybrom technology bhopal**

**Ans : Cybrom Technology Bhopal.**

**Q20. Write a JavaScript program to check the given number is positive or not. 4**

**Q21. Write a JavaScript program to find maximum of given three number. 6**

**Q21. Create a JavaScript function that returns the Fibonacci sequence up to a given number. 6**

**Q22. Write a JavaScript function to split a string and convert it into an array of words. 6**

**Test Data:**

**console.log(string\_to\_array("Cybrom Technology Bhopal"));**

**Ans : ["Cybrom", "Technology”, “Bhopal"]**

**Q23. Write a JavaScript program to print 1 to 20 even number using while loop.4**

**Q24. Write a Java script code to find factorial of a given number.**

**Q25. Create an array object and Apply any six array methods in your program.**

**Q26. Write a JavaScript function that changes the background colour of an element when a mouse enters it. 4**

**Q27. Write a Java Script Program to create Counter Program using setInterval() method. 6**

**Q28. Write a JavaScript program to display the current day and time in the following format. 6  
Today is : Thursday.  
Date is : 21  
Current time is : 10 PM : 30 : 38  
Q29. Create a JavaScript function that returns the Fibonacci sequence up to a given number of terms. 6**

**Q30. Write a JavaScript program to create an image changes that displayed different image when a firstButton or SecondButton button is clicked. 6**