

### SECTION-A

1. (a) Which are new features in HTML 5 ? What are its drawbacks ?  
(b) Explain the rise of Client Side and Server Side Scripting. Give example of both.
2. (a) What is CSS3 ? Explain the selectors and styling features of CSS3.  
(b) Using JQuery, write a program to display current system date and time when a button is pressed.

### SECTION-B

3. Which are various advantages of using PHP ? Explain cookies and sessions of PHP.
4. Suppose you are given an Emp table and Department table as :  
**Emp** (EMplID, EmpName, DepartmentID, DesignationID, Salary)  
**Department**(DepartmentID, DeptName)  
Using database connectivity feature of PHP, write a program in PHP to display records of all employees with their department name.

### SECTION-C

5. What is SSL ? Write the procedure to obtain and install SSL certificate on your websites. What are its advantages to users ?
6. How are AI and Machine Learning helpful in creating websites ?

### SECTION-D

7. What is Block Chain Technology ? How is it helpful in websites development ?
8. What is difference between Augmented Reality and Virtual Reality ? Give example of both. How are these used in websites ?