VASAVI COLLEGE OF ENGINEERING (Autonomous), HYDERABAD
B.E. (I.T.) III Year I-Semester Supplementary Examinations, December-2017

Web Technologies

Time: **3** hours   Max. Marks: **70**

*Note: Answer **ALL** questions in **Part-A** and any **FIVE** from **Part-B***

Part-A (10 × 2 = 20 Marks)

1. How will you create a password field in the HTML form?

2. How to access a cookie in Java Script?

3. What are the types of layouts available in Bootstrap?

4. What is Zurb Foundation? Why to use it?

5. Mention the supported data types in Python.

6. Why to use Python decorators?

7. List out the different categories of JSP Tags.

8. Write any four features of Cookies.

9. Write the syntax of PHP 'foreach' construct.

10. How will you include the content of a PHP file into another PHP file?

Part-B (5 × 10 = 50 Marks)

11. a) Discuss the merits and demerits of external style sheets?   [4]
    b) Specify the tag and attributes used to create a textbox which can accept a maximum of 20   [6]
       characters. Also write Javascript code to display an alert message if the name contains
       any special characters.

12. a) How to customize thumbnails using Bootstrap? Explain in detail   [5]
    b) What is Express.js? When to use Backbone.js? Explain with an example.   [5]

13. a) Explain how to create a package in Python with the help of a suitable example.   [5]
    b) Create a python regular expression to match simple web domain names that begin with   [5]
       http:/www.and end with a ".com" suffix. (e.g. http://www.yahoo.com)

14. a) Discuss session tracking using servlets.   [5]
    b) Explain the use of JSP expressions and JSP scriptlets with suitable examples.   [5]

15. a) Write PHP code to create and retrieve a Cookie.   [5]
    b) Explain the procedure to connect to the database using PHP.   [5]

16. a) Write the significance of any two predefined objects of Java Script.   [5]
    b) Describe the functions of any 5 components of Zurb Foundation.   [5]

17. Write short notes on any **two** of the following:
    a) Serialization using JSON and Pickle   [5]
    b) HttpRequest and HttpResponse objects   [5]
    c) Pattern matching using PHP   [5]

****