

Please check that this question paper contains 9 questions and 2 printed pages within first ten minutes.

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Uni. Roll No.

Program: B.Tech. (Batch 2018 onward)

Semester: 4th

Name of Subject: Web Technologies

Subject Code: PCIT-107

Paper ID: 16236

Time Allowed: 03 Hours

Max. Marks: 60

NOTE:

- 1) Parts A and B are compulsory
- 2) Part-C has Two Questions Q8 and Q9. Both are compulsory, but with internal choice
- 3) Any missing data may be assumed appropriately

Part – A

[Marks: 02 each]

Q1.

- a) Differentiate Local storage and session storage.
- b) Which two HTML element tags are used to insert audio and video files into an HTML5 document? Give Example.
- c) How can you import a file in PHP?
- d) Discuss new markup elements in HTML5 (at least any two elements).
- e) With the transform property, rotate the <div> element 90deg around its Z-axis.

```
<body>
```

```
<div>This is a div</div>
```

```
</body>
```

- f) Set the color of all <p> <h1> elements to red for the following code:

```
<body>
```

```
<h1>This is a heading</h1>
```

```
<p id="para1">This is a paragraph</p>
```

```
</body>
```

Part – B

[Marks: 04 each]

Q2. What are the features of CodeIgniter Framework ?

Q3. Using MySQL with PHP, perform database related operations like create table, insert,

delete, select and update.

- Q4. Use the selector to hide all odd table rows in a table. Use the selector to hide all elements with an href attribute.
- Q5. What is the role of Apache web server in web application? Explain the concept of accessing functions using objects in php with the help of an example.
- Q6. How can you perform text wrap using CSS3? Name the property used to apply multiple backgrounds in CSS3?
- Q7. Write jQuery for slider design. Why do we need jQuery.

Part – C

[Marks: 12 each]

- Q8. a) Write a program using AJAX to send and receive data using GET and POST methods.
- b) Explain the request and response method of web server and web browser with an example. (both static and dynamic)

OR

- a) State the various features of wordpress. Explain how themes and modules can be installed in wordpress?
- b) What is the difference between require and include in php? Write their syntax.
- Q9. a) Using concept of DOM in jQuery, Design validation for Sign-In form for registration.
- b) List the various event handling events in jQuery.

OR

- a) Discuss HTML, XML and XHTML.
- b) Discuss absolute and relative links, and design a page to show ordered and unordered lists.
