

Seat No.	
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SL-479

Total No. of Pages : 2

B.E. (Computer Science & Engineering) (Semester-VII)

(New) Examination, May - 2017

MOBILE APPLICATIONS (Elective-I)

Sub. Code : 67546

Day and Date : Thursday, 18-05-2017

Total Marks : 100

Time : 2.00 p.m. to 5.00 p.m.

- Instructions :**
- 1) Figures to the right indicates full marks.
 - 2) Question no 4 and 8 are compulsory.
 - 3) Attempt any two questions from remaining questions in each section.

SECTION-I

- Q1)** a) Explain in detail about RWD (Responsive Web Design) with example. [6]
b) What is web service? How to create example for web service? [6]
c) What is pseudo browser? Give an example. [4]
- Q2)** a) What are different tools for mobile web development? [6]
b) Explain in detail WAP 1.0 Protocol. [6]
c) Write useful design tips for touch devices. [4]
- Q3)** a) What are different browsers and platforms for mobile web development? [6]
b) What are the steps to create new android application? Explain the addition of two numbers application in detail. [6]
c) Why to build mobile App? Explain various strategies. [4]
- Q4)** Write short note on (Any Three): [18]
a) JSON
b) HTML5 Forms
c) WML
d) Progressive Enhancement

P.T.O.

SECTION-II

- Q5)** a) What are different possible problems in feature support at client side? Describe their possible solutions. [6]
b) What are different types of Java Script APIs available for device interaction? Explain ANY one in detail. [6]
c) What is User agent spoofing? Explain in detail. [4]
- Q6)** a) Explain in detail problems and solutions associated with Mobile device detection. [6]
b) Explain Client side debugging in detail. [6]
c) List out Java Script UI Patterns. [4]
- Q7)** a) Explain Web Sockets in detail. [6]
b) Explain in detail W3C Geolocation API. [6]
c) How HTML5 Web Storage are used? What are the limits? [4]
- Q8)** Write short note on (Any Three): [18]
a) Modernizr
b) WURFL
c) Offline Web Apps
d) AJAX

