Seat No.	

B.E. (Computer Science and Engineering)
(Semester - VII) Examination, April -2018
MOBILE APPLICATIONS (Elective - I)
Sub. Code : 67546

Day and Date :Friday, 27 - 04 - 2018 **Total Marks : 100**
Time : 2.30 p.m to 5.30 p.m.

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

SECTION - I

Q1) a) What are Myths of the Mobile Web. **[6]**

b) What is web service? How to create example for web service. **[6]**

c) List the differences between mobile web and desktop web. **[4]**

Q2) a) Write note on progressive Enhancement. **[6]**

b) Explain in detail WAP. 2.0 Protocol. **[6]**

c) Write useful design tips for tablet devices. **[4]**

Q3) a) What are different browsers for mobile web development? **[6]**

b) Explain the steps to create new android application? **[6]**

c) What is web view? Explain with example. **[4]**

Q4) Write short note on (Any THREE). **[18]**

a) RWD

b) JSON

c) WML

d) Pseudo-Browsers

SECTION - II

Q5) a) Explain in detail Server side detection. [6]

b) Explain WURFL in detail. [6]

c) Compare HTML fallbacks with CSS fallbacks for Client side detection. [4]

Q6) a) Explain how we can send an email as well as an SMS from a mobile application. [6]

b) Compare Server side debugging and client side debugging. [6]

c) Differentiate between SVG and Canvas. [4]

Q7) a) Compare AJAX and Server Sent Events. [6]

b) Explain authentication and sharing APIS for Social Web. [6]

c) Explain how Assisted GPS works. [4]

Q8) Write a short note on (any three). [3×6=18]

a) Sencha Touch.

b) jQuery Mobile.

c) WiFi Positioning System.

d) Modernizr.

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