Seat No.	

Total No. of Pages : 2

B.E. (CSE) (Semester - VII) Examination, May - 2019
Mobile Applications (New) (Elective - I)
Sub. Code : 67546

Day and Date : Tuesday, 07 - 05 - 2019 **Total Marks : 100**

Time : 02.30 p.m. to 05.30 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 progressive Enhancement with example. [6]

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

c) What is pseudo browser? Give an example. [4]

Q2) a) Why we should move from WAP1 to WAP2? [6]

b) What are the best practices while Designing a mobile website. [6]

c) Write short note on XHTML. [4]

Q3) a) Explain the benefits of using Mobile apps against mobile web site in terms of technology and usability? [6]

b) What are the steps to create new android application? Explain the addition of two numbers application in detail. [6]

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

Q4) Write short note on (Any THREE) : [3 × 6 = 18]

a) JSON

b) WML

c) Android emulator

d) OMA and W3C Standards

SECTION - II

Q5) a) What are different Javascript APIs available for device interaction? Explain any TWO in detail. [6]

b) What is WURFL? Explain in detail how it is used for server side detection? [6]

c) Differentiate between SVG and Canvas. [4]

Q6) a) Explain various mobile-specific URIs for device interaction. [6]

b) What is J2ME? Explain tools used for development of J2ME application. [6]

c) Compare Zepto.js and Modernisr libraries. [4]

Q7) a) Explain WiFi positioning system in detail. [6]

b) Explain in detail AJAX. [6]

c) Explain JQueryMobile and Snecha Touch in detail. [4]

Q8) Write short note on (Any THREE) : [3 × 6 = 18]

a) Authentication and Sharing APIs for Social Web

b) Java Script UI Patterns

c) Server side detection

d) GPS and Assisted GPS

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