

Seat No.	
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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

P.T.O.

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 Modernizr 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

