

NOV - 2016

Total No. of Questions : 10]

SEAT No. :

P2055

[Total No. of Pages : 3

[5059]-660

B.E. (Computer Engineering)
MOBILE APPLICATIONS
(2012 Pattern) (Semester - II)

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) *Answer Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6, Q.7 or Q.8, Q.9 or Q.10.*
- 2) *Neat diagrams must be drawn wherever necessary.*
- 3) *Figure to the right indicate full marks.*
- 4) *Assume suitable data if necessary.*

Q1) Attempt the following :

- a) Why do we need mobile app? Describe the development process of mobile apps. [6]
- b) What's the best way to test my mobile site before launch? [4]
- c) Explain Tool for Debugging Web Services. [5]

OR

Q2) Attempt the following :

- a) What are various mobile web development option explain with example. [6]
- b) What is WAP push explain with example? [4]
- c) Explain Different third-party frameworks for mobile development? [5]

Q3) Attempt the following :

- a) What is the purpose of Socket.readyState attribute of WebSocket? [5]
- b) What are the different types of web engines? Explain any one? [5]
- c) What is Mobile Web 2.0? [5]

P.T.O.

OR

Q4) Attempt the following :

- a) Differentiate between HTML 4 and HTML5? [5]
- b) What is HTML5? Name some of the new features of HTML5? [5]
- c) Explain WML with Suitable example? [5]

Q5) Attempt the following :

- a) What are different fallback mechanism on the client side? [4]
- b) Difference between native apps, web apps and hybrid apps with examples. [6]
- c) Explain Marquee WAP CSS attributes? [5]

OR

Q6) Attempt the following :

- a) Explain different JAVA script fallback. [4]
- b) Explain OMA download standard? [6]
- c) Difference between XHTML and HTML? [5]

Q7) Attempt the following :

- a) Why cloud base browsers are faster than direct browsers? [4]
- b) What are different JAVA Script based UI framework. [6]
- c) How do you detect device type in a web application? Support with coding? [5]

OR

Q8) Attempt the following :

- a) What are different JAVA Script libraries? [4]
- b) Explain with example CSS Selectors. [5]
- c) What is Sencha Touch? Explain Sencha Touch Features? [6]

Q9) Attempt the following :

- a) Explain Mobile SEO in details? [4]
- b) The W3C Geolocation API? How it work [6]

OR

Q10) Attempt the following :

- a) How to get the Cell Location Without the Carrier's Assistance. [4]
- b) What are different location techniques to determine the geographical location of the device? [6]

