

Total No. of Questions : 10]

SEAT No. :

**P3123**

**[5154]-690**

[Total No. of Pages : 2

**B.E. (Computer Engineering)**  
**MOBILE APPLICATIONS (Elective - IV)**  
**(2012 Pattern) (Semester - II) (End Sem.) (410452C)**

*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) Figures to the right indicate full marks.*
- 4) Assume suitable data, if necessary.*

- Q1)** a) What is WAP1 ? Explain in detail. [4]
- b) Explain third party frameworks. Explain anyone in detail. [6]
- c) State the mobile myths. [2]

OR

- Q2)** a) Explain JSON in detail. [4]
- b) Explain Debugging of Web Services. [6]
- c) Which tools are used for mobile web development? [2]

- Q3)** a) Explain strategies used for design & user experience. [6]
- b) Explain browsers and web platform in detail. [6]

OR

- Q4)** a) Explain: [6]
- i) WML
- ii) CSS for mobile
- b) Explain HTML5 compatibility levels in detail. [6]

**P.T.O.**

- Q5)** a) Explain XHTML mobile profile in detail. [5]  
b) Explain elements for HTML5 form with their example. [7]  
c) What is document body? [3]

OR

- Q6)** a) How web apps are installed? Explain with example. [5]  
b) Explain debugging and performance for Mobile media. [7]  
c) Explain server side detection for mobile media. [3]

- Q7)** a) Explain J2ME and JQuery Mobile. [7]  
b) Explain: [8]  
i) iUI  
ii) jQTouch

OR

- Q8)** a) State difference between Java & Mobile Libraries. [7]  
b) Explain UI frameworks in details. [8]

- Q9)** a) Explain storage and network for mobile apps. [6]  
b) How mobile apps are executed in background? [6]  
c) What is ENYO? [4]

OR

- Q10)** a) Explain JQuery Mobile with example. [6]  
b) Explain distribution and social web 2.0. [6]  
c) What is use of offline apps? Explain with example. [4]

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