Roll No. ⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚   Total No. of Pages : 02

Total No. of Questions : 18

B.Tech. (CSE) (2011 Onwards) (E-I)   (Sem.–6)
MOBILE APPLICATION DEVELOPMENT
Subject Code : BTCS-902
M.Code : 71111

Time : 3 Hrs.   Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :
1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.**

SECTION-A

1   Need of file system interface in mobiles.

2   Currents trends in mobile application design.

3   Advantages of device analytics.

4   Implementation challenges in client technologies.

5   Characteristics of Web View overlay.

6   Parameters of protection and security in mobile operating system.

7   Major reasons for growth of iOS.

8   Features of Apache cordova.

9   Significance of programming exercise with Skins.

10   Role of Xcode in mobile application development.

SECTION-B

11   What is Appcon? Explain its importance and advantages.

12   Explain the various components in iOS architecture.

13   Discuss the major constraints and restrictions for mobile application development.

14   Create an authentication application for Apple iOS using a login module.

15   Differentiate between Kendo and Xpages mobile application development platforms.

SECTION-C

16   Compare and contrast the various features of iOS with Android phones.

17   Differentiate between Shell and Push notification. Discuss the role of UI frameworks in detail.

18   Write a basic program for mobile application development by invoking adapters from Worklight client application.

NOTE : Disclosure of identity by writing mobile number or making passing request on any page of Answer sheet will lead to UMC case against the Student.