

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.