

Final Assessment Test – November 2018

Course: ITE1016 - Mobile Application Development

Class NBR(s): 6092

Time: Three Hours

Slot: G2+TG2

Max. Marks: 100

Answer ALL Questions

(10 X 10 = 100 Marks)

1. Portray the layers of Mobile Ecosystem and expand the network, platforms and operating systems layer. Identify the role they play in the mobile ecosystem.
2. Write a JavaScript program which compute, the average marks of the students. Then, this average is used to determine the corresponding grade.
3. Identify the element involved to present the essential information about the application to the Android system, information the system must have before it can run any of the application's code. Depict the structure of the element and every element that it can contain.
4. Design the Simple Food Court App which enables the customer to choose the required item and display the total bill.
5. Illustrate the DatePickerDialog application as described here. On launch of Emulator, it will display Screen (1). Now you can see that the date has already been set at the bottom label. Now we will change the date through DatePickerDialog by pressing the Set Date button. On pressing the button Screen (2) would appear. Now set the required date, and after setting the date, press the Done button. This dialog will disappear and your newly set date will start showing at the Screen (3).
6. Write a JavaScript into the iPhone CSS file to allow the user to hide and show the navigation menus.
7. Illustrate the step by step procedure of how to add a Web Clip icon to your home screen in the iPhone styling process.
8. Create a simple app to read the class namelist with register numbers and names stored as spreadsheet data and to process it. Display the spreadsheet data as Toast.
9. Write a JavaScript function that accepts a string as a parameter and print the number of vowels within the string.
10. Create a SQLite database that contains STUDENT table. The STUDENT table contains the Reg.no, Name and GPA. Do the following operations on clicking the respective button.
 - a) Add – Insert a new record.
 - b) Delete – Delete the record with the given Reg. No.
 - c) VIEW - To display the details of the student for the given number. Calculate CGPA and display it, according to given conditions.

Only passed subjects are included in CGPA calculation.
CGPA is calculated as the total number of credits earned multiplied with the grade points, divided by the total number of credits.

