



# VIT<sup>®</sup>

## Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

### SCHOOL OF INFORMATION TECHNOLOGY AND ENGINEERING

CAT II-B.Tech-IT -Fall Semester - 2018-19

ITE1016 Mobile Application Development

Duration: 90 Minutes

Max. Marks: 50

Slot : G2+TG2

**Answer ALL Questions (5 x 10 = 50 Marks)**

1. Illustrate the working principle behind the Model-View- Controller Concept with an application of your choice.
2. Develop a simple calculator application in android studio performing the basic arithmetic operations.
3. Develop a temperature converter application with two radio buttons and a button. Get the input value in an EditText. Start your Android application and type in a number, select your conversion and press the button. The result should be displayed and the other option should get selected.
4. Compare the methods of handling persistence by the mobile and desktop apps.
5. Develop an App to Simulate the following: Display a Welcome Message on the top of the screen. Ask the name and get the name in an EditText. By clicking on the SayHello Button, Display the message "Hello, name". Modify the above App such that display the resultant message as Toast Message.