**Professional Masters in Information Technology (PMIT)**

IT 6113: Mobile Application Development

Tutorial-2 (Reg.+Pre.)

Time: 60 (45+15) Min. Answer Two Questions. Marks: 20

**All parts of a particular question must be answer consecutively.**

1.

(a). How many callback methods are in android? Explain their behavior at different stages in Android. [5]

(b). Sketch the entire, visible & foreground lifetimes of android activity or fragment transition during execution. [5]

2.

(a). What is Android Layout? Briefly describe different types of layout with respective diagram. [5]

(b). Differentiate between Linear & Relative Layout? [3]

(c). What is Android Intent for & how many types of Intent are? [2]

3. (Reg.)

(a). How to create 'menu' in android. What are different items of 'menu'? [3]

(b). Which method is used to handle item click event for popup menu (onMenuItemClick())? [4]

(c). How to call the method 'MenuInflater.inflate()' for 'menu'? Write the code. [3]

3. (Pre.)

(a). What is the method to handle a menu item click items? Write the code. [3]

(b). Which method is used to handle item click event for context menu (onContextItemSelected())? [4]

(c). Difference between context menu & option menu in android. [3]