AI—417—2017

FACULTY OF COMPUTER SCIENCES

M.Sc. (Second Year) (Third Semester) EXAMINATION

MARCH/APRIL, 2017

COMPUTER SCIENCE

Paper CS-305

(Elective)

(Mobile Programming)

(Saturday, 29-4-2017)   **Time : 2.00 p.m. to 5.00 p.m.**

Time—Three Hours   *Maximum Marks—75*

N.B. :—   (i)   *All* questions are compulsory.

     (ii)   Figures to the right indicate full marks.

     (iii)   Draw neat labelled diagram wherever necessary.

1.   Attempt the following (any *three*) :   15

   (a)   Explain android applications structure.

   (b)   Explain android development tools.

   (c)   Explain working with android manifest .Xml.

   (d)   Explain android stack.

   (e)   Explain how to create android emulator.

2.   Attempt the following (any *three*) :   15

   (a)   Explain activity life-cycle.

   (b)   Explain application context.

   (c)   Explain Intents.

   (d)   Explain text controls and button controls.

3.   Attempt the following (any *three*) :   15

   (a)   Explain status bar notification.

   (b)   Explain Toast notifications.

   (c)   Explain Toggle buttons.

   (d)   Explain options menu.

                                                         P.T.O.

4. Attempt the following (any *three*) : 15

    (*a*) Explain localization.

    (*b*) What is animation ? Explain view animation.

    (*c*) Explain preferences activity.

    (*d*) Explain SQLite database.

5. Write short notes on (any *three*) : 15

    (*a*) Smart phones future

    (*b*) Using log system activity

    (*c*) Pending intents

    (*d*) Alert dialog

    (*e*) File access.