|  |
| --- |
| **col LOGO outline**Registered Number:DATE: **19** **-04-2018 (1PM)****ST. JOSEPH’S COLLEGE (AUTONOMOUS), BENGALURU-27** |
| **M.Sc(COMPUTER SCIENCE) –IV SEMESTER** |
| **SEMESTER EXAMINATION: APRIL 2018****CS0315: Android Application Development** |
|  |
|  |  |  |  |  |  |
| **Time- 2 1/2 hrs** |  | **Max Marks-70** |

This question paper has 1 printed page

**Answer any seven questions: 7 \* 10 = 70**

1. Explain GSM architecture in detail.
2. a)Write the different modes used for mobile communication. (6+4)

b)Draw the diagram to depict the 3tier architecture of mobile computing.

1. How to create a user defined package? Explain with an example.
2. a)Define a thread. Explain the thread priorities in detail. (5+5)

b)Explain how to implement an interface.

1. a)Define inheritance. Explain different types of inheritance. (5+5)

b)Demonstrate exception handling.

1. Write in detail about Android core building blocks.
2. Explain about Dalvik Virtual Machine.
3. Briefly explain about Android Activity Life Cycle.
4. a)Explain the UI design tools in Android development. (8+2)

b) what is an emulator?

CS-0315-A-18