

**ROURKELA INSTITUTE OF MANAGEMENT STUDIES**

**BCA 4<sup>th</sup> Semester Mid Term Exam**

Subject: **Android Programming** Paper no: **SEC-1** Total Marks: **20** Time: 2 Hrs.

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Answer any 4.

Q1. Discuss the layered architecture of Android Operating System?

Q2. Write the code for passing and receiving data using intent in an Android application?

Q3. Describe all layout views that are available for designing an Android application? Create an application showing the use of any two layout views?

Q4. Create an android application which displays 3 buttons on Main Activity named RED, GREEN and BLUE? The background color of the Activity should be changed to appropriate color when the user clicks on any of these buttons?

Q5. Create an application to demonstrate various stages that an activity goes through its life cycle?