Master of Computer Application (MCA – II) Fourth Semester (Old)
MCA241 – Paper – I : Android Application Development

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Notes : 1. All question carry equal mark and compulsory.
2. Draw neat and clean diagram whenever necessary.
3. Avoid vague answer and write answer relevant.

1. Either :

a) What do you mean by open source? Explain any two open source software. **8**

b) Explain : **8**

i) MPL   ii) GPL

OR

c) Explain the history of mobile S/W development. **8**

d) Draw and explain the architecture of Android. **8**

2. Either :

a) Draw and explain the Anatomy of an Android. **8**

b) What are the need of SDK? Explain Android SDK. **8**

OR

c) Give the importance of Android Terminology. **8**

d) Write sample application of Android. **8**

3. Either :

a) Explain Basic Layout in Android with suitable example. **8**

b) Write an Android code to create addition of two number. **8**

OR

c) What are the classes to create Graphic in Android? Explain. **8**

d) Create login form in Android and also write Android manifesto file source code. **8**

4. Either :

    a)   Describe storage API in detail.   **8**

    b)   Create a Apps which perform any three database transaction.   **8**

<div align="center">OR</div>

    c)   What is content provides? Explain in detail.   **8**

    d)   Describe Telephony API in detail.   **8**

5.   Solve all the question.

    a)   Differentiate between open source Vs. Traditional Development methodologies.   **4**

    b)   Write a short note on Intent.   **4**

    c)   Write about Scroll bar in short.   **4**

    d)   Write short note on SQLite.   **4**

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