

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

P. Pages : 2

Time : Three Hours



GUG/W/18/2131

Max. Marks : 80

- 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

OR

- 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
