

M.C.M. - II(with Credits)-Regular-Semester 2012 Sem IV
243B - Elective 3.2 : Paper - III Android Application Development

P. Pages : 2

Time : Three Hours



GUG/W/16/5229

Max. Marks : 80

- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw neat and labeled diagram wherever necessary.
 3. Avoid Vague Answers, and write answers relevant and specific to questions only.

Either

1. a) What is Android? Explain Android platform Architecture with diagram. 8
- b) Write a short notes on : - 8
- i) MPL ii) GPL
- iii) LGPL

OR

- c) What is Android SDK? Write down the steps for creating emulator. 8
- d) Discuss open Handset Alliance in detail. 8

Either

2. a) Explain life cycle of Android Activity with suitable diagram. 8
- b) Discuss Android manifest file in detail. 8

OR

- c) What are Resources? Explain working with string Resources. 8
- d) What is permission in Android? How can restrict a application in Android? Explain. 8

Either

3. a) How can Display text to users with Textview control in Android? Explain. 8
- b) Explain different dialogs types available in Android SDK. 8

OR

- c) Explain different layouts used in Android. 8
- d) Write a Android program to implement a custom button and handle the displayed message on button press. 8

Either

4. a) Explain SQLite Database in detail. 8
- b) Discuss mediastore content provider in android. 8

OR

- c) Write a detail note on webview control for browsing the web. **8**
- d) Discuss Android telephony APIS in detail. **8**

5. Solve all the questions.

- a) Explain features of Android operating system. **4**
- b) Write importance of services in Android. **4**
- c) Explain Intents in Android SDK. **4**
- d) Write a detail note on Preferences. **4**

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