M.Sc.- II (Computer Science) CBCS Pattern Semester-IV
PSCST13 - Paper-I : Android Application Development

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Notes : 1. All the questions are compulsory and carry equal marks.
2. Draw neat and labelled diagrams wherever necessary.
3. Avoid vague answers and write answers specific and relevant to the questions only.

Either:

1. a) Write a detail note on the Android platform.   **8**

b) Explain the different layers of Android in detail.   **8**

OR

c) Demonstrate the term Intent of Android Development.   **8**

d) Explain Android SDK in detail.   **8**

Either:

2. a) Explain the Broadcast Receiver in android with example.   **8**

b) How weather alert service communicate from other apps? Explain.   **8**

OR

c) Discuss the file system in Android in detail.   **8**

d) Write a detail note on content provider class.   **8**

Either:

3. a) How to draw Graphics in Android? Explain with suitable example.   **8**

b) Write a detail note on the Graphics API.   **8**

OR

c) Write a program in android to create a simple object animation using the Graphics API. (Note write -XML and .Java code).   **8**

d) Explain the following.   **8**

i) Multimedia.

ii) Open Core.

Either:

4. a) What is field Service Application? Enlist the features of it and explain. **8**

b) Explain the key concept and features of Bluetooth in Android Application Development. **8**

OR

c) Write a detail note on Android web Development. **8**

d) Explain App widget in Android. **8**

5. Attempt all the questions.

a) Write a note on Android Emulator. **4**

b) Explain Networking in Android. **4**

c) Write android program to play video. **4**

d) What is Native Development kit? Explain its role in Android Application Development. **4**

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