

M.C.A.- II (Two Year Programme) (NEW CBCS Pattern) Sem-III
PMCAT304A-Paper-IV - Elective-I : Android Application Development

P. Pages : 1

Time : Three Hours



GUG/W/22/13650

Max. Marks : 80

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

Either:

1. a) Explain Layers of Android in detail. 8
b) Discuss in detail about SDK. 8

OR

- c) Write a detail note on History of Mobile Software. 8
d) Explain of Kinds of Android Components in detail. 8

Either:

2. a) Explain in detail android terminologies. 8
b) Write a note on Broadcasting intent in detail. 8

OR

- c) Write a detail note various screen elements in android. 8
d) Explain the structure of Android Manifest file in detail. 8

Either:

3. a) Explain in detail Android User interface in detail. 8
b) Discuss any one layout tools in detail. 8

OR

- c) Write a note on features of android elements. 8
d) Explain animation resources in detail. 8

Either:

4. a) What do you mean by Content Provider? Explain. 8
b) Write a detail on SQLite Database. 8

OR

- c) Explain in detail about how SQLite database helps to store database. 8
d) Explain in detail about Networking API in detail. 8

5. Attempt all the questions.
- a) Write a note on GPL 4
b) Explain application context in short. 4
c) Write short note on any two drawing resources. 4
d) Discuss in short about Web API 4
