

Q-3

- A. List and explain the events in the Android activity lifecycle. [6]
- B. List and describe different resource types in Android in brief. [6]

OR

- B. Explain database access in Android. [6]

Q-4

- A. Explain the use of ListView and Adapter. [6]
- B. Write a short note on content providers and their applications. [6]

OR

- B. Describe any six Android views. [6]

Q-5

- A. Write a short note on intents in Android. [6]
- B. Explain the use of layouts in Android. Explain any two layouts in brief. [6]

OR

- B. Write a short note on the AsyncTask class. [6]

Q-6

- A. List the contents of the Android manifest file. [6]
- B. Explain Cursors, LoaderManager and cursorLoader. [6]

OR

- B. Write short notes on animation and geolocation in Android. [6]

— * —
(2)