

Total number of printed pages-2

44 (6) 6·2·1

2024

MOBILE APPLICATIONS

Paper : 6·2·1

Full Marks : 50

Time : Two hours

The figures in the margin indicate full marks for the questions.

SECTION-A

Answer **any three** questions.

1. Answer the following : 2×5=10
 - (a) What is screen resolution ?
 - (b) What are the major utilities of Google Play store ?
 - (c) Define kernel.
 - (d) List the features of Android operating system.
 - (e) What are the benefits of smartphone programming ?

Contd.

2. Explain the Android application life cycle in detail. 10
3. Define the following terms : 2×5=10
Android Emulator, APK files, AVD, Touch interfaces, IOS
4. (a) Design a mobile application that read an audio file and plays it. 5
(b) Design a mobile application for creating simple calculator. 5

SECTION-B

5. Write short notes on : (**any four**) 5×4=20
- (a) SDK overview
 - (b) Android menu system
 - (c) Media APIs
 - (d) Android Telephony
 - (e) HTML5
 - (f) SQLite
 - (g) Broadcast Receivers