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52 (4) ITB-SE-4014

2024

ANDROID PROGRAMMING

Paper : ITB-SE-4014

Full Marks : 50

Time : Two hours

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

1. Answer the following questions : **(any four)**
1×4=4
 - (a) Mention the name of current Android Version.
 - (b) What operating system is used as the base of Android stack?
 - (c) What is the full form of APK?
 - (d) Applications is the top layer of Android Architecture. (State true or false)
 - (e) There can only be one running activity at a given time. (State true or false)

Contd.

2. Define the following : **(any three)** $2 \times 3 = 6$

(a) Kernel

(b) Android Emulator

(c) APK

(d) ADB

(e) AVD

3. Answer the following questions : **(any four)**

$5 \times 4 = 20$

(a) What is Android? What are the features of Android SDK?

(b) Explain the Activity life cycle.

(c) Explain SDK.

(d) How do you deploy APK files?

(e) What is Toast? Describe *three* widely used methods of Toast Class.

(f) Explain the Android Architecture.

4. Write short notes on : **(any two)** $5 \times 2 = 10$

(a) SQLite

(b) Broadcast Receiver

(c) Android Manifest File

(d) Android Architecture

5. Explain the Android Application Life Cycle.

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