

TBC/TBI-504

B. C. A./B. SC. (IT)
(FIFTH SEMESTER)

MID SEMESTER EXAMINATION, 2019

ANDROID PROGRAMMING

Time : 1 : 30 Hours

Maximum Marks : 50

Note : (i) This question paper contains two Sections.

(ii) Both Sections are compulsory.

Section—A

1. Fill in the blanks : (1×5=5 Marks)
- (a) Android uses rather using JVM (Java Virtual Machine).
 - (b) The folder which has all the images of the project is folder.
 - (c) method is used to hide the title bar of an activity.
 - (d) method is used to initialize the fragment.
 - (e) View elements can be identified using the keyword

(2)

TBC/TBI-504

2. Attempt any *five* questions : (3×5=15 Marks)
- ✓(a) Explain Android Virtual Device.
 - (b) Write a note on dialog boxes used in Android application.
 - ✓(c) Why would you do the set ContentView() in onCreate() of activity class ?
 - ✓(d) List at least *four* layouts and explain any *one* with example.
 - (e) Explain the advantages of Android.
 - (f) Define Android toast. (Write code to support your answer).

Section—B

3. Attempt any *two* parts of choice from (a), (b) and (c). (5×2=10 Marks)
- ✓(a) Explain Android Activity life cycle.
 - ✓(b) Explain Android Core Building Blocks.
 - (c) Create Android application to perform addition of two digits (xml and java file).
4. Attempt any *two* parts of choice from (a), (b) and (c). (5×2=10 Marks)
- (a) Explain the architecture of Android.
 - (b) Write a note on OHA.
 - (c) What is Implicit and Explicit intent ? Apply both in one application. (Code is must).

(3)

5. Attempt any *two* parts of choice from (a), (b) and (c). (5×2=10 Marks)
- ✓(a) What is the difference between onCreate() and onStart() ?
 - ✓(b) Write a short note on Android Manifest.xml.
 - (c) Create an application having TextView, EditText and Button. When use click on Button, content in EditText should be displayed in TextView.

TBC/TBI-504