

C 6505–A

B.C.A. (Three Year) DEGREE EXAMINATION, MARCH/APRIL 2018.

End Semester Examination

Sixth Semester

Elective – II

(Regular)

ADVANCED ANDROID

Time : 3 Hours

Max. Marks : 70

PART — A

Answer any FIVE of the following questions. **(5 × 4 = 20 Marks)**

1. How does Android support data persistence?
2. Explain about SMS messaging.
3. How to get the location data and monitor the location?
4. Explain about android services.
5. Write about deploying APK files.
6. What is threading? How is it achieved in Android?
7. Explain about APK files.
8. Write the procedure to display maps in an application.

PART — B

Answer ALL the following questions. **(5 × 10 = 50 Marks)**

UNIT I

9. (a) In how many ways can data be stored in Android?

Or

- (b) What are the advantages and disadvantages of SQLite database?

Turn Over

UNIT II

10. (a) Discuss about procedure to send text messages to your mail using Android App.

Or

- (b) What are the functions available in SMS manager class?

UNIT III

11. (a) What are the steps involved in building the location tracker?

Or

- (b) What are location based services? What are the different classes and interfaces of location based services?

UNIT IV

12. (a) State the android services and explain how to communicate between services and activity.

Or

- (b) How to create our own Android service?

UNIT V

13. (a) What does an Android APK file contains? Explain its components.

Or

- (b) Explain about how exceptions are handled in android.
