BCA51 — MOBILE APPLICATIONS DEVELOPMENT

Time : Three hours   Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1.   Name any four mobile Operating Systems.

2.   What is meant by Android emulator?

3.   List out the components of Eclipse IDE.

4.   Define an Activity.

5.   State the purpose of a Content Provider.

6.   How to manage Broadcast receivers?

7.   Mention the significance of Alert dialogs.

8.   What is the use of a Frame?

9.   Give examples for Android games.

10. Write the applications of Phonebook.

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SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Explain the android application framework in detail.

Or

(b) Describe Android Runtime and Dalvik VM.

12. (a) Discuss on Debugging with DDMS.

Or

(b) Write short notes on Intent filters.

13. (a) What is binding and querying Android service? Explain.

Or

(b) Exemplify Database applications.

14. (a) Discuss on option menu and pop-up menu.

Or

(b) Summarize the attributes of Android layouts.

15. (a) State and explain Tip calculator app.

Or

(b) What is the need for live application development? Explain.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain the History and features of Android.

17. Elaborate on working with Emulator and Smart Devices.

18. Write a detailed note on SQLite and data analysis.

19. Explain the Lists and notifications with suitable example.

20. Discuss on Doodlz app and Weather viewer app.

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