BCS51 — MOBILE APPLICATION DEVELOPMENT

Time : Three hours   Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Define IDE.

2. What is the latest Linux kernel?

3. What does an eclipse IDE allow?

4. What is the difference between an implicit intent and explicit intent?

5. How many types of services are there in Android?

6. What is content resolver in Android?

7. What is a hidden menu in Android? How do you find the hidden menu?

8. What does it mean ANR Android?

9. Differentiate mobile application testing and mobile testing?

10. Which components are primary need for a new android development?

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) What is the main role of mobile operating systems and its applications.

Or

(b) Differentiate between mobile OS and Desktop OS.

12. (a) Evaluate android life cycle methods.

Or

(b) How can you work with emulator and smart devices?

13. (a) Examine any five android services.

Or

(b) How do you manage broad cost receivers in android services?

14. (a) Discuss input controls and its properties.

Or

(b) List out the different types of menus in android user interface.

15. (a) List out the important core components of Android app development.

Or

(b) Discuss android app deployment and testing process.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain in detail of android architecture.

17. Illustrate the steps to be followed to deploy the android applications.

18. Describe three common use cases for using an Intent.

19. Attempt the following

(a) alert dialogs

(b) spinners

(c) progress bar

20. Discuss the benefits of the following

(a) Weather viewer app

(b) Doodlz app

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