

B. C. A. DEGREE EXAMINATION, APRIL 2024
SIXTH SEMESTER

COURSE : MAJOR ELECTIVE
PAPER : MOBILE APP DEVELOPMENT FOR ANDROID
SUBJECT CODE : 19CS/ME/MA45
TIME : 1 ½ HOURS

MAX. MARKS : 50

SECTION A

ANSWER ALL QUESTIONS: (10 X 1 = 10)

Choose the best answer:

1. When developing for the Android OS, Java byte code is compiled into _____.
(a) Java Source Code (b) Dalvik Application Code
(c) Dalvik Byte Code (d) Source Code
2. The android component which is used to display the part of an activity on screen is _____.
(a) View (b) Manifest
(c) Intent (d) Fragment
3. _____ method is called in an Activity when another activity gets into the foreground.
(a) onDestroy() (b) onStop()
(c) onPause() (d) onExit()
4. The built-in database of Android is _____.
(a) SQLite (b) MySQL
(c) Oracle (d) Linux
5. GCM in android stands for _____.
(a) Google Cloud Messaging (b) Google Centre Messaging
(c) Google Count Messaging (d) Google Create Messaging

Fill in the blanks:

6. API Stands for _____.
7. _____ kernel is used in Android.
8. _____ is the parent class of Activity.
9. _____ method in android is used to log debug messages.
10. _____ method releases the resources used by the TextToSpeech class.

SECTION B

ANSWER ALL THE QUESTIONS: (5 X 2 = 10)

11. Distinguish between iOS and Android.
12. List out any four points about fragment.
13. How will you connect to a remote database using MySQL?
14. What is the use of Geocoder in Android?
15. What is accessibility in Android?

SECTION C

ANSWER ANY SIX OF THE FOLLOWING QUESTIONS: (6 X 5 = 30)

16. Explain Application Framework in Android.
17. Explain Activity stack in Android.
18. What are the differences between a Fragment and an Activity?
19. Explain SQLite Queries with suitable example.
20. Explain Styles and Themes in Android.
21. Describe the methods available in Text-to-Speech Class.
22. Explain Location based services in Android.
23. Explain Event Listeners and their respective event handlers.