

Vidya Vikas Mandal's
Shree Damodar College of Commerce & Economics, Margao-Goa
TY BCA Semester-V Semester End Examination June 2022
Mobile Application Development (CAD103)

Duration: 2 Hours

Max Marks: 60

Instructions: i) All questions are compulsory.
ii) Figures to the right indicate full marks.
iii) Draw neat diagram wherever necessary

Q 1 A) Select the Only One option from the following and rewrite the statement (1x5)

- a) What does the apk stands for?
i) Application Package ii) Application Programing Kit
iii) Android Proprietary kit iv) Android Package
- b) What buildin Database android shipped with
i) MySQL ii) SQLite iii) mango db. iv) oracle
- c) Which of the following is the first mobile phone released that ran the Android OS?
i) HTC Hero ii) Google gPhone iii) T - Mobile G1 iv) None of the above
- d) AAPT stands for -
i) Android Activity Packaging Tool ii) Android Asset Packaging Tool
iii) Android Action Packaging Tool iv) None of the above
- e) What is the name of the program that converts Java byte code into Dalvik byte code?
i) Dex compiler ii) Dalvik Converter
iii) Android Interpretive Compiler (AIC) iv) Mobile Interpretive Compiler (MIC)

Q 1 B) State whether the statements are true or false (1x5)

- i) Your java source code what is directly run on your device.
ii) The manifest explain what the application consist of and glues everything together.
iii) addproximity alert () used to monitoring location.
iv) A typical android application is collection of activity, services, broadcast receivers and content providers
v) internet is the permission you need to declared in androidmanifest.xml for an HTTP connection

Q2. Answer the following

- A) Write a syntax to declare Toast Notification? (2)
B) Explain three content provider in android (3)
C) Explain different Layout supported in android (5)

Q3. Answer the following

- A) List any two ways of persisting data in android (2)
B) Name the methods that you need to override in your own implementation of a content provider. (3)
C) Explain types of development technologies for building mobile applications. (5)

Q4) Answer the following

A) Why Android Manifest file is used?

(2)

B) Write a short note on units of measurement on Android User Interface.

(3)

C) Explain displaying maps in android

(5)

Q5) Answer the following

A) Differentiate Activities from Services.

(2)

B) Explain Sensors in Android.

(3)

C) Explain the dialog boxes supported on Android

(5)

Q6) Answer the following

A) What is context?

(2)

B) What is Orientation?

(3)

C) What is an Activity in Android? What is its lifecycle?

(5)