



AAG-003-003620

Seat No. _____

B. C. A. (Sem. VI) (CBCS) Examination

March / April - 2016

CS-31 : Mobile Computing Using Android & iPhone
(New Course)

Faculty Code : 003

Subject Code : 003620

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

1 Attempt the following MCQ : 20

- (1) Android is founded in _____
(A) October 2003 (B) October 2005
(C) October 2008 (D) None
- (2) _____ Company purchased Android.
(A) Google (B) Apple
(C) Microsoft (D) Nokia
- (3) Android is use _____ for execute program.
(A) Java Virtual Machine
(B) Kilobyte Virtual Machine
(C) Dalvik Virtual Machine
(D) None
- (4) In LinearLayout set the orientation, _____ is used at runtime.
(A) createorientation() (B) setorient()
(C) android: orientation (D) (A) and (B) both
- (5) Following is not version of Android.
(A) Aestro (B) Jelly Bean
(C) Coca-Cola (D) None
- (6) The extension of the AndroidManifest file is _____
(A) .java (B) .xml
(C) .class (D) .dex

- (7) AVD stands for _____
(A) Android Visual Device
(B) Android Virtual Device
(C) Android Virtual Domain
(D) None
- (8) Activity is a class that represents the _____.
(A) Data (B) Query
(C) List Items (D) Single Screen
- (9) _____ is not Layout in android.
(A) LinearLayout (B) FrameLayout
(C) RelativeLayout (D) TableLayout
- (10) Toast is a _____ in android
(A) Button (B) State
(C) Layout (D) Dialog
- (11) _____ method is method of Cursor class.
(A) moveToFirst() (B) getCount()
(C) (A) and (B) both (D) None
- (12) GPS stands for _____
(A) Google Positioning System
(B) Global Platform System
(C) Global Positioning System
(D) None
- (13) JSON stands for _____
(A) Javascript Object Notation
(B) Javascript Over Network
(C) Javascript Object Navigation
(D) None
- (14) _____ is the IDE for iPhone app development.
(A) X-Code (B) Netbeans
(C) eclipse (D) None
- (15) DDMS is stands for _____
(A) Dalvik Debug Monitoring Service
(B) Data Debug Management System
(C) Device Data Management Service
(D) None

- (16) For Database Operation we have to extends _____ class.
 (A) onDestroy() (B) finishActivity()
 (C) finished() (D) SQLiteOpenHelper
- (17) _____ file is an auto-generated file in android.
 (A) ActivityJava (B) main.xml
 (C) Activity.class (D) R.java
- (18) _____ file is resource in android.
 (A) R. Java (B) string.xml
 (C) BuildConfig.java (D) All of the above
- (19) aapt stands for _____
 (A) Android Assemble Package Tools
 (B) Android Assets Packaging Tool
 (C) Android Access Package Tool
 (D) None
- (20) Which method is not Activity Life Cycle Method?
 (A) onCreate() (B) finished()
 (C) onStart() (D) unstop()

2 (a) Attempt the following : (any **three**) **6**

- (1) What is Android?
- (2) What is Activity?
- (3) What is View?
- (4) What Intent?
- (5) What is Web view?
- (6) What is iPhone?

(b) Attempt the following : (any **three**) **9**

- (1) Explain R. Java file.
- (2) Explain Android History in detail.
- (3) Explain how to create menu in android.
- (4) ProgressDialog in Android.
- (5) Android S/W Stack- Application.
- (6) Explain Core Building Block in android.

- (c) Attempt the following : (any **two**) **10**
- (1) Explain Dalvik VM in detail.
 - (2) Explain Activity life cycle with example.
 - (3) Explain steps to publish android app.
 - (4) Explain Layout in Android in detail.
 - (5) List and explain the types of resources in Android.
- 3** (a) Attempt the following : (any **three**) **6**
- (1) Explain Toast class.
 - (2) What is .apk file?
 - (3) What is LBS?
 - (4) What are the methods of data storage?
 - (5) What is Canvas?
 - (6) Explain DatePicker.
- (b) Attempt the following : (any **three**) **9**
- (1) Explain Button in iPhone.
 - (2) Explain XCode IDE in detail.
 - (3) Explain Spinner with example.
 - (4) Explain Geocoder.
 - (5) Explain Telephony API in detail.
 - (6) Explain Network API in detail.
- (c) Attempt the following : (any **two**) **10**
- (1) Explain how to SQLiteOpenHelper in detail.
 - (2) Write a note on Cocoa Touch in iPhone.
 - (3) Explain how to notifying with the status bar.
 - (4) Write a note on ListView with example.
 - (5) Write a note on JSON.