



NAM-003-003620 Seat No. _____

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

March / April - 2017

CS-31 : Mobile Computing Using Android & Iphone

Faculty Code : 003

Subject Code : 003620

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

[Total Marks : 70

1 Attempt the following : 20

- (1) _____ Company owns the Android.
- (2) NFC stands for _____.
- (3) What is emulator?
- (4) What is the default location of APK file?
- (5) .apk file stands for _____.
- (6) DDMS stands for _____.
- (7) Which tag creates TextView widget in UI ?
- (8) Which layout organizes its children into a single horizontal or vertical row?
- (9) Which view displays web pages ?
- (10) Which storage is not always available ?
- (11) By using which function we can query the external storage state ?
- (12) GPS stands for _____.

- (13) Which is the key class in the Google maps android API ?
- (14) Most network connected Android apps use which protocol to send and receive data?
- (15) What is ANR in android?
- (16) What is the application class in android?
- (17) JSON stands for _____.
- (18) What is Model in MVC?
- (19) Which is the IDE for iPhone application development?
- (20) A _____ is an application component that can perform long running operations in the background and does not provide a user interface.

2 (a) Attempt any three :

6

- (1) What is shared preferences?
- (2) List out basic UI.
- (3) What is DDMS?
- (4) What is map view?
- (5) What is Canvas?
- (6) What is MVC in iPhone?

(b) Attempt any three :

9

- (1) Explain Android Platform.
- (2) What is .dex file?
- (3) What is drawable?

- (4) What is ID and UI?
- (5) What is Schema?
- (6) Explain androidManifest.xml.

(c) Attempt any two : 10

- (1) Write steps to build any application.
- (2) Explain Linear Layout.
- (3) Explain Activity life cycle with example.
- (4) Explain Android Architecture.
- (5) Explain Application object.

3 (a) Attempt any three : 6

- (1) What is Controls in iPhone?
- (2) What is Toast class?
- (3) List out types of Notification.
- (4) What is AsyncTask?
- (5) Explain empty application in iPhone.
- (6) Explain Xcode.

(b) Attempt any three : 9

- (1) What is KeyBoard layout in TextField in iPhone?
- (2) Explain Configure version manifest data.
- (3) How to create a notification builder?

- (4) What is bound service?
- (5) What is regular activity?
- (6) How to check the network connection?

(c) Attempt any two :

10

- (1) Write steps to get SIM status and its details.
- (2) How GPS works? Explain.
- (3) Explain Cocoa Touch in detail.
- (4) Explain creating a bound service.
- (5) Write steps to publish App in android.