



RX-003-003620

Seat No. _____

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

March - 2019

Mobile Computing Using Android & iphone
(Old Course)

Faculty Code : 003

Subject Code : 003620

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

[Total Marks : 70

1 Objective type question : 20

- (1) Give name of Android latest version and code name.
- (2) Write the full form of. LTE.
- (3) The Android SDK contains a Java package named _____
- (4) SQLite Database is written in _____ programming language.
- (5) Which class is the main class through which your application can access location services?
- (6) Write the full form of JSON.
- (7) Which method is used to issue -a notification?
- (8) If you want to sell apps then which account to setup.
- (9) Which version iPhone rename as iOS?
- (10) Which company first launched android mobile?
- (11) Which folder stores the dimens.xml file?
- (12) Which method is used to get the resources programmatically?
- (13) What is other name of frame by frame animation?
- (14) Write the full form of DDMS.

- (15) Which class that can use either a location name or a location's latitude and longitude.
- (16) Which method is used to set notification Icon?
- (17) App in iOS known as _____
- (18) Android is an open-source and _____ OS.
- (19) Write-the full form of ANR
- (20) By default, which action set in Button control in iOS?

2 (A) Attempt the following question : (Any **Three**) **6**

- (1) What is .apk file?
- (2) What' is permission?,
- (3) What is, layout?
- (4) What is location?
- (5) What is use of network API?
- (6) Explain blinking the lights.

(B) Attempt the following question : (Any **Three**) **9**

- (1) Explain history of Android.
- (2) Explain color-drawable resources with example.
- (3) Explain. X-code component.
- (4) Explain lifecycle of services.
- (5) Explain Spinner control with example.
- (6) Explain frame by frame animation with example.

(C) Attempt the following question : (Any **Two**) **10**

- (1) Explain OHA in detail.
- (2) What is Intent? Explain type of Intent with example.
- (3) Explain view animation with example.

- (4) What are shared preferences? Explain 'With example.
- (5) Explain any ten methods of location object.

3 (A) Attempt the following question : (Any **Three**) **6**

- (1) List out services not supported by simulator.
- (2) What is notification?
- (3) Explain use of telephonymanager class :
- (4) Explain mapping locations.
- (5) Explain external storage.
- (6) Explain dimension resource with example.

(B) Attempt the following question : (Any **Three**) **9**

- (1) Explain ToggleButton control with example.
- (2) Explain GridLayout with example.
- (3) Differentiate internal v/s external storage.
- (4) Write steps to create a notification.
- (5) Explain dynamic ProgressBar control with example.
- (6) What is context? Explain type of contexts.

(C) Attempt the following question : (Any **Two**) **10**

- (1) Explain activity lifecycle with figure.
- (2) Explain Android Manifest file and their common setting.
- (3) Explain insert and display operations in SQLite Database.
- (4) Create an app in iOS to display two Text Fields information in-Label on touch to Button control.
- (5) Explain android platform with figure.