



**MAL-003-003620**

Seat No. \_\_\_\_\_

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

**March / April - 2018**

**CS-31 : Mobile Computing using Android & iPhone**

**Faculty Code : 003**

**Subject Code : 003620**

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

[Total Marks : 70

1 Attempt all the Questions : 20

- (1) Write full form of SDK.
- (2) Write full form of DVM.
- (3) Write full form of OHA.
- (4) Write full form of MCC.
- (5) Write full form of JSON.
- (6) Write full form of NFC.
- (7) When the user selects a checkbox, the Check Box object receives an \_\_\_\_\_ event.
- (8) \_\_\_\_\_ layout is a layout that organizes its children into a single horizontal or vertical row.
- (9) In iPhone \_\_\_\_\_ operating system is used.
- (10) \_\_\_\_\_ method is used to delete file.
- (11) The WebView class is an extension of Android's \_\_\_\_\_ class that allows you to display web pages as a part of your activity layout.
- (12) With the help of \_\_\_\_\_ method we can check the current status of voice call in handset.
- (13) The standard location for displaying notifications and indicators on an android device is the \_\_\_\_\_
- (14) Use the \_\_\_\_\_ method to issue the notification.
- (15) A \_\_\_\_\_ is an application component that can perform long-running operations in the background and does not provide a user interface.
- (16) Write full form of IPC.

- (17) Write full form of ANR.
- (18) \_\_\_\_\_ is the base class of all services.
- (19) \_\_\_\_\_ is a visual design editor that's integrated into Xcode.
- (20) \_\_\_\_\_ is used as basic development language of iPhone App.

- 2** (A) Attempt any **Three** : **6**
- (1) What is Map View?
  - (2) What is Contract Class?
  - (3) What is Application Framework?
  - (4) What is android Runtime?
  - (5) What is canvas?
  - (6) What is android.xml or manifest file?
- (B) Attempt any **Three** : **9**
- (1) Explain requirement of bin folder.
  - (2) What is longitude and latitude?
  - (3) What is padding?
  - (4) Explain ID and UI.
  - (5) What is Drawable?
  - (6) What is schema?
- (C) Attempt any **Two** : **10**
- (1) Explain MVC framework in detail.
  - (2) Explain creating a bound service.
  - (3) How to update a notification? Explain with suitable example.
  - (4) Explain how to check the Network Connection.
  - (5) Explain Cocoa Touch in detail.
- 3** (A) Attempt any **Three** : **6**
- (1) What is Xcode?
  - (2) Explain onCreate().
  - (3) Define LED notification.
  - (4) What is HTTP?
  - (5) What is TextField?
  - (6) What is WebView?

- (B) Attempt any **Three** : **9**
- (1) What is bound service?
  - (2) What is Control event? Explain briefly.
  - (3) List out components available with notification.
  - (4) Explain Android Telephony API.
  - (5) What is Empty Application?
  - (6) What is special activity?
- (C) Attempt any **Two** : **10**
- (1) Explain different Intent types.
  - (2) Explain how GPS works.
  - (3) Explain Linear Layout in detail.
  - (4) Explain Activity life cycle with example.
  - (5) Explain Android Architecture.
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