**DJ-003-003620**    Seat No. _____

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

### March - 2022

## Mobile Comp. Using Android & Iphone : CS-16

### (Old Course)

### Faculty Code : 003

### Subject Code : 003620

Time :       Hours]                                    [Total Marks : **70**

**Instructions :** Attempt any five questions.

1    (A)   Attempt the following :                                    4

      (1)   Give full form of AVD.

      (2)   Give full form of ADT.

      (3)   What is Service?

      (4)   Give full form of SDK.

   (B)   What is context?                                    2

   (C)   Explain intent with example                                    3

   (D)   Explain Activity Life Cycle with example                                    5

2    (A)   Attempt the following-                                    4

      (1)   Give full form of OHA.

      (2)   APK stands for

      (3)   What is Viewgroup?

      (4)   What is resource file?

   (B)   What is permission tag in manifest file?                                    2

   (C)   Explain intent filter.                                    3

   (D)   Explain manifest file in android                                    5

3   (A)  Attempt the following:                                                                 4
         (1)  Which component is used to display text in UI?
         (2)  All user interface element in android app are built
              using. .....objects
         (3)  What is Spinner?
         (4)  Which layout that organizes its children into a
              single horizontal or vertical row?
    (B)  What is dialog?                                                                         2
    (C)  Explain Radio Button?                                                                   3
    (D)  Explain twined animation in android                                                     5


4   (A)  Attempt the following                                                                   4
         (1)  What is TextView?
         (2)  What is Edit Text?
         (3)  Which component is used to take input from user ?
         (4)  What is Radio Group?
    (B)  Write xml code for TextView component.                                                  2
    (C)  Explain animation in android.                                                           3
    (D)  Explain list view with example.                                                         5


5   (A)  Attempt the following-                                                                  4
         (1)  To write shared preferences file create a
              SharedPreference. Editor by calling ........ method
              in your Shared Preferences.
         (2)  To write to the external storage you must request
              the permission in your manifest file.
         (3)  _____ is used get String values values from Shared
              Preferences.
         (4)  Give full form of GPS.
    (B)  How to retrieve integer record in Shared Preference?                                    2
    (C)  Explain Shared Preference.                                                              3
    (D)  Explain Sqlite and write code for insert record in                                      5
         database.

**6** **(A)** Attempt the following. 4

    (1) Small collection of key-values that you'd like to save you can use the _____ APIs.

    (2) _____ Is used to put integer values in Shared Preferences

    (3) To read from a database use the... method.

    (4) To read record from the external storage you must request the permission in your manifest file.

  **(B)** What is content provider? 2

  **(C)** Explain Storage APIs 3

  **(D)** Explain Sqlite with code. 5

**7** **(A)** Attempt the following. 4

    (1) Give full form of JSON

    (2) Give full form of API.

    (3) Give full form of LBS

    (4) What is WebView?

  **(B)** What is telephony API? 2

  **(C)** What is mapping location? 3

  **(D)** Explain LBS in details. 5

**8** **(A)** Attempt the following. 4

    (1) What is Pending Intent?

    (2) What is Notification?

    (3) Use the _____ Method to issue the notification.

    (4) Is it possible to publish app on play store using yahoo?(Yes/No)

  **(B)** What is used of ID in nofity() method? 2

  **(C)** Explain Network Manager with example. 3

  **(D)** Explain Json Parsing in detail. 5

9    (A)    Attempt the following :                                    **4**
           (1)    What is Xcode?
           (2)    What Is Toolbar?
           (3)    What is TextView in i0S?
           (4)    What is Label in iOS?
     (B)    What is Bundle?                                            **2**
     (C)    Explain features in cocoa touch.                          **3**
     (D)    Explain MVC in iOS.                                       **5**


10   (A)    Attempt the following :                                    **4**
           (1)    Give full form of MVC.
           (2)    What is TextField?
           (3)    What is Button in iphone?
           (4)    What is TextEditor?
     (B)    What is interface builder?                                **2**
     (C)    Explain framework in iphone.                              **3**
     (D)    Explain Cocoa Touch in detail.                            **5**

_____