



P-003-1036001

Seat No. _____

B. C. A. (Sem. VI) (CBCS) (W.E.F. 2016) Examination

March / April - 2020

CS - 31 : Mobile Computing Using Android & Iphone

Faculty Code : 003

Subject Code : 1036001

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

[Total Marks : 70

- 1 (A) Attempt the following : 4
- (1) NFC stands for _____
 - (2) DDMS stands for _____
 - (3) OHA stands for _____
 - (4) SDK stands for _____
- (B) Attempt any **one** : 2
- (1) What is android runtime?
 - (2) What is AVD?
- (C) Attempt any **one** : 3
- (1) Explain Androidmanifest.xml
 - (2) What is pending intent?
- (D) Attempt any **one** : 5
- (1) Explain Android architecture
 - (2) Explain Activity Life Cycle

- 2 (A) Attempt the following : 4
- (1) _____ view enables users to select a time of the day.
 - (2) _____ enable you to specify the location of child objects relative to each other.
 - (3) Which android component that manages appearance and format on screen is called ?
 - (4) What is the meaning of Toggle Buttons?
- (B) Attempt any **one** : 2
- (1) What is canvas?
 - (2) What is Progress Bar?
- (C) Attempt any **one** : 3
- (1) Explain Simple Cursor Adapter
 - (2) Explain TimePicker
- (D) Attempt any **one** : 5
- (1) Explain different types of Layout in detail.
 - (2) Explain types of animation
- 3 (A) Attempt the following : 4
- (1) Which enable to store the data in a structured manner in android?
 - (2) What is the use of getFilesDir() ?
 - (3) _____ enables you to get index of column.
 - (4) To read from a database, _____ method is used.

- (B) Attempt any **one** : **2**
- (1) What is contract class?
 - (2) What is External Storage?
- (C) Attempt any **one** : **3**
- (1) Explain Schema
 - (2) How to retrieve available free space in your mobile?
- (D) Attempt any **one** : **5**
- (1) What is shared preferences? Explain methods for create, search, read, add, update and delete shared preference?
 - (2) What is SQLite Database? Explain methods for creating, updating, and deleting and querying database records.
- 4 (A) Attempt the following : **4**
- (1) Full form of JSON
 - (2) Full form of GPS
 - (3) Full form of LBS
 - (4) _____ to perform a GET and download your data.
- (B) Attempt any **one** : **2**
- (1) What is Inputstream?
 - (2) What is notification?
- (C) Attempt any **one** : **3**
- (1) Explain Geocoding locations.
 - (2) What is START_STICKY AND START_REDELIVER_INTENT

- (D) Attempt any **one** : 5
- (1) Explain how to check the Network Connection
 - (2) Write steps to publish your android application
- 5 (A) Attempt the following : 4
- (1) MVC stands for _____
 - (2) IDE stands for _____
 - (3) _____ is a visual design editor that's integrated into xcode.
 - (4) In Iphone _____ operating system is used.
- (B) Attempt any **one** : 2
- (1) What is control state?
 - (2) What is TextField?
- (C) Attempt any **one** : 3
- (1) Explain XCODE
 - (2) Explain Coca Touch
- (D) Attempt any **one** : 5
- (1) Explain framework in detail
 - (2) Explain MVC
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