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 Androidmainfest.xnl

        (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) Exlain 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