C. U. SHAH UNIVERSITY
Summer Examination 2018

Subject Name: **Mobile Application Development using Android**
Subject Code: **5CS03WAN1**   Branch: **M.Sc.I.T. (WebTech)**
Semester: **3**   Date: 22/03/2018   Time: 02:30 To 05:30   Marks: **70**

Instructions:
  (1) Use of Programmable calculator and any other electronic instrument is prohibited.
  (2) Instructions written on main answer book are strictly to be obeyed.
  (3) Draw neat diagrams and figures (if necessary) at right places.
  (4) Assume suitable data if needed.

SECTION-I

Q. 1	**Answer the following questions.**		**07**
	(a)	What is the use of src folder?	**02**
	(b)	What types of information holds by assests folder?	**02**
	(c)	Give any two helpful methods for Android logging features which are in the Log class of the android.util package.	**02**
	(d)	Give full form of: DDMS	**01**
Q. 2	**Attempt all questions.**		
	(a) What is use of EditText widget? Explain Text Color, Gravity, Font Size, Background Color and hint widget methods of EditText.		**07**
	(b) What is Activity? Draw the diagram of Activity Life Cycle and explain in short.		**07**

OR

Q. 2	**Attempt all questions.**		
	(a) Write code snippet for Sending and Receiving SMS.		**07**
	(b) Write short note on ToggleButton and CheckBox.		**07**
Q. 3	**Attempt all questions.**		
	(a) Explain the important Android Project Files and Directories.		**07**
	(b) Write note on sharing data between applications with content providers.		**07**

OR

Q. 3	**Attempt all questions.**		
	(a) What are the purpose of forming the OHA? Explain roles of Manufacturers: Designing the Android Handsets, Mobile Operators: Delivering the Android Experience and Content Providers: Developing Android Applications.		**07**
	(b) Write note on Android Manifest File and its Common Settings.		**07**

Q. 4   **Answer the following questions.**

    (a)   Write program code to open default browser with https://www.cushahuniversity.ac.in website.   **02**

    (b)   Enlist two types of menu which helps to organizing activities and Intents in Android Application.   **02**

    (c)   Write the steps to fetching JSON string from the Server.   **02**

    (d)   Give the full form of: GPS   **01**

Q. 5   **Attempt all questions.**

    (a) Write note on managing various resources in Android.   **07**

    (b) How to display rating data with RatingBar widget?   **07**

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OR

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Q. 5   **Attempt all questions.**

    (a) What is Animation? Explain Tweened and Frame-by-Frame animations.   **07**

    (b) What is SQLite Database? Explain methods for creating, updating, and deleting and querying database records   **07**

Q. 6   **Attempt all questions.**

    (a) Explain: Geocoding Locations and Mapping Locations.   **07**

    (b) Write program code for Vibrating the Phone and Blinking the Lights.   **07**

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OR

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Q. 6   **Attempt all questions.**

    (a) What is Toast? Write the syntax and explain with appropriate example.   **07**

    (b) Write the steps for publishing Android application on play store.   **07**