

C. U. SHAH UNIVERSITY

Summer Examination-2020

Subject Name: Mobile Application Development

Subject Code: 5CS05MOB1

Branch: M. C. A.

Semester : 5

Date : 28/02/2020

Time : 10:30 To 01:30

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 vision of Google behind spreading tools to the wireless marketplace? 03
 - (b) What is Dalvik Virtual Machine? 03
 - (c) What is APK format? 01
- Q. 2 Attempt all questions. 07**
- (a) List and explain in detail advantages and features of android platform. 07
 - (b) What is activity? Explain it with the diagram of activity lifecycle. 07
- OR**
- Q. 2 Attempt all questions. 07**
- (a) Explain underlying architecture of android platform. 07
 - (b) Explain Android SDK & AVD Manager. 07
- Q. 3 Attempt all questions. 07**
- (a) Write note on startActivity() & finish() method. 07
 - (b) What are resources? List out resource types supported with Android. 07
- OR**
- Q. 3 Attempt all questions. 07**
- (a) Write a brief note on “androidmanifest.xml” file. Explain purpose and importance of this file for android project. 07
 - (b) Explain the use of TextView widget with any six attributes. 07

SECTION-II

- Q. 4 Answer the following questions. 07**
- (a) What is the use of Android Asset Packaging Tool? 03
 - (b) What is needed to make a multiple choice list with a custom view for each row? 03
 - (c) Give the full form of ADB. 01
- Q. 5 Attempt all questions. 07**
- (a) Explain by example that how to add menu in Android 07
 - (b) Explain handling of string and string-array resources with suitable example. 07



OR

Q. 5 Attempt all questions.

- (a) What is animation? Differentiate Tweened & frame-by-frame animation. **07**
- (b) Write note on different types of Layout supported by Android, **07**

Q. 6 Attempt all questions.

- (a) What are the uses of Canvases and Paints? **07**
- (b) Write a code snippet that will accept user and password as input and validate with table data of database. **07**

OR

Q. 6 Attempt all questions.

- (a) Explain the important Android Project Files and Directories. **07**
- (b) Explain setOnClickListener event. Give the appropriate example. **07**

