

C.U.SHAH UNIVERSITY

Summer Examination-2019

Subject Name : Mobile Apps Development using Android

Subject Code : 4CS06BMA1

Branch: B.C.A.

Semester : 6

Date:16/04/2019

Time: 10:30 To 1:30

Marks : 70

Instructions:

- (1) Use of Programmable calculator & 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.

Q.-1 Attempt following.

14

- a) Define DVM.
- b) What is Android?
- c) What is APK file?
- d) Full form of SDK.
- e) What is Intent?
- f) List out types of service.
- g) What is forward Geocoding?
- h) Give full form of GPS.
- i) What is use of src folder?
- j) Which method is used to issue a notification?
- k) What is purpose of EditText Cotrol?
- l) List basic element of TextView Control.
- m) Explain android:id attribute.
- n) Which is default database for android?

Attempt any FOUR questions from following.

Q.-2 Attempt following.

14

- a) Explain features of android. 7
- b) Explain android architecture with diagram. 7

Q.-3 Attempt following.

14

- a) Write a note on: Activity Life cycle with diagram. 7
- b) Write down steps to create AVD. 7



Q.-4 Attempt following.	14
a) Define AndroidManifest.xml file. Explain any four elements of it.	5
b) Explain explicit intent with example.	5
c) Explain TextView control with its attributes.	4
Q.-5 Attempt following.	14
a) Describe process to write data from internal storage with example.	5
b) Write a note on: Android Telephony API.	5
c) Explain SQLiteDatabase Class with its methods.	4
Q.-6 Attempt following.	14
a) Write a note on : Android web API.	5
b) Explain CheckBox control with attributes.	5
c) What is notification? Explain creation of notification in details.	4
Q.-7 Attempt following.	14
a) What is GPS? Explain mapping of Location.	5
b) Explain notification using blinking lights with example.	5
c) Explain LinearLayout and TableLayout.	4
Q.-8 Attempt following.	14
a) Create an android application to check entered number is prime or not.	7
b) Create an android application to open www.cushahuniversity.ac.in URL when button is clicked using intent.	7

