

C. U. SHAH UNIVERSITY

Summer Examination - 2019

Subject Name: **Mobile Apps Development using Android**Subject Code: **4CS05IAN1**Branch: **B. Sc. I. T.**Semester: **5**Date: **12/03/2019**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.

Q. 1 Match the following.**14**

Attributes / Methods	Description
a) android:completionTreshold	1. Hint text to display when empty
b) android:prompt	2. is ImageView attribute
c) android:numStars	3. is Spinner attribute
d) android:repeatMode	4. Activity method use to retrieve a reference of widget
e) android:src	5. AutoCompletionTextView
f) android:textOn	6. is Chronometer attribute
g) android:format	7. is RatingBar attribute
h) android:textStyle	8. Attribute available in AndroidManifest.xml file
i) android:hint	9. Which is first callback method of class
j) android:maxSdkVersion	10. Which contains R.java file
k) findViewById(id)	11. Method is used to close an Activity
l) onCreate()	12. is Toggle Button attribute
m) gen folder	13. Animation Resource attribute
n) Finish()	14. Style of the text formatting

ATTEMPT ANY FOUR QUESTIONS FROM Q. 2 TO Q. 8**Q. 2 Attempt all questions.**

- a) How animations can be implemented in Android? Explain by program code. **7**
- b) What is Intent? Explain by program code that how to send data from one activity to another activity using Intent? **7**

Q. 3 Attempt all questions.

- a) Write note on AndroidManifest.xml file and its Common Settings. **7**
- b) Draw and explain Android Application Architecture. **7**



Q. 4 Attempt all questions.

- a) What is the use WebView widget? Explain by example. 7
- b) How GeoCoding Locations and Mapping Locations implemented in Android App? 7

Q. 5 Attempt all questions.

- a) What is Notification? How notify the user can be included in Apps? 7
- b) Write the steps to publish Android App on Google Play Store. 7

Q. 6 Attempt all questions.

- a) What is Activity? Draw and explain Activity Life Cycle. 7
- b) What are the uses of TextView and EditText widgets in Android? 7

Q. 7 Attempt all questions.

- a) What is SQLite? Enlist most important features of SQLite database. 7
- b) How database and tables can be created using Android Program code? 7

Q. 8 Attempt all questions.

- a) Explain with important attributes and Click Listener event:
Button, ToggleButton and ImageButton. 7
- b) Explain Spinner and ImageView widgets. 7

