

# **RAN-1856**

## M.Sc.(I.T.) - IX Semester Examination

# March / April - 2019

## **Smart Devices Computing using Android**

Time: 3 Hours ]	[ Total Marks: 70
સૂચના : / Instructions	
નીચે દર્શાવેલ ☞ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fill up strictly the details of ☞ signs on your answer book	Seat No.:
Name of the Examination:	
M.Sc.(I.T.) - IX Semester	7
Name of the Subject :	
<b>☞</b> Smart Devices Computing using Android	7
Subject Code No.: 1 8 5 6	Student's Signature

#### **Instruction:**

(1) Draw the Figure and give example wherever necessary.

## Q.1 Answer the following questions.

[16]

- 1. What is Intent and Intent-filter? Explain about pending intent with an example.
- 2. What is Dalvik Virtual Machine? Explain about execution environment of Android.
- 3. Differentiate XML and JSON parsing. Explain about JSON parsing with example.
- 4. Explain about Web View with example.

## Q.2 Answer the following questions. (Any Three)

[18]

- 1. What is the purpose of an adapter? Explain about List View with the Custom Adapter.
- 2. What is a alert Dialog? Explain different types of Alert Dialog with example.
- 3. What is an Activity? Explain about Activity life cycle in detail.
- 4. What is View and View Group? Explain about event handling with example in Android.

**RAN-1856** [ 1 ] [ P.T.O. ]

## Q.3 Answer the following questions.(Any Three)

[18]

- 1. What is Text message? Explain about various parameters of make Text() method with example.
- 2. How event handling happens in Android? Explain about any two types of event handling with example.
- 3. Explain about components of Location Based Services for Android.
- 4. What are Fragments? How we can create Fragment in Android Application?

### Q.4 Answer the following questions.(Any Three)

[18]

- 1. What is the use of Content Provider? Write steps to implement it.
- 2. List out types of animation supported by Android. Explain about any two type when and how to use?
- 3. Write the steps to publish an Android Application on Google Play Store.
- 4. What are Shared Preferences? Explain with example.

RAN-1856 ] [2]