

RAN-1856

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

March / April - 2019

Smart Devices Computing using Android

Time: 3 Hours] સૂચના : / Instructions Seat No.: નીચે દર્શાવેલ 🖝 નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fill up strictly the details of right signs on your answer book Name of the Examination: **►** M.Sc.(I.T.) - IX Semester Name of the Subject: Smart Devices Computing using Android Subject Code No.: 1 8 5 6

Instruction:

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

0.1 Answer the following questions.

[16]

[Total Marks: 70

Student's Signature

- 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.

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.

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