

Question Paper



MANIPAL UNIVERSITY

SCHOOL OF INFORMATION SCIENCES
THIRD SEMESTER MASTER OF SCIENCE - M.Sc. (INFORMATION SCIENCE)
DEGREE EXAMINATION- NOVEMBER 2017
DATE : Tuesday, November 21, 2017
TIME : 10:00AM - 1:00PM

Mobile Application Development using Android [MIS 605]

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) What is Android? Discuss the advantages and features of Android. (10) (10)
- 2) Explain Life cycle of an Activity in Android. How is it different from Service? (7+3) (10)
- 3) What is a Bound Service? How do you bind to a Service? How do you manage the Life Cycle of a Bound Service? (10) (10)
- 4) Explain the following: (i) Intent Filters (ii) DDMS. (5+5) (10)
- 5) Write Short Notes on (i) Frame Layout (ii) Contextual Menu. (5+5) (10)
- 6) How to create simple radio button selection controls in Android applications? Explain with an example. (10) (10)
- 7) Explain how Content Providers manage access to storage in Android, discuss the operations used. (10) (10)
- 8) Write Short Notes on: (i) SQLiteOpenHelper (ii) Cursor. (5+5) (10)
- 9) Explain the usage of Location Based Services in Android. (10) (10)
- 10) Write short notes on (i) Shared Preferences (ii) Notification. (5+5) (10)

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