

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION
MANIPAL SCHOOL OF INFORMATION SCIENCES

THIRD SEMESTER MASTER OF SCIENCE – M.Sc. (INFORMATION SCIENCE) DEGREE
EXAMINATION – DECEMBER 2020

SUBJECT: MIS 605 – MOBILE APPLICATION DEVELOPMENT USING ANDROID

Friday, 11th December 2020

Time: 10.00 – 13.00 Hrs.

Max. Marks: 100

Answer ALL the questions

All questions carry 10 marks.

1. What is android? Explain the features of android (3+7=10 marks)
2. With a neat diagram explain activity lifecycle of an android application (10 marks)
3. What do you mean by Intent Resolution? Explain with an example (10 marks)
4. What is service in android? Explain unbounded service life cycle (10 marks)
5. Write short notes on following views (example for view)
a. Grid view b. List view (5+5=10 marks)
6. a. How to handle “onClick” event associated with button control?
b. Write a short note on Toast Messages. Give example (5+5=10 marks)
7. List and explain the various operations supported by a content provider? (10 marks)
8. Write a short note on Cursor with respect to SQLite Database (10 marks)
9. What is Broadcast Receiver? Explain the way to implement receiver class in android application. (10 marks)
10. What is shared preferences? Explain with help of example, the techniques used to store and extract application preferences values (10 marks)
