Question Paper

MANIPAL ACADEMY OF HIGHER EDUCATION

Manipal School of Information Sciences (MSIS), Manipal
Third Semester M.Sc. (Information Science) Degree Examination - January 2023

Mobile Application Development using Android [MIS 605]

Marks: 100   **Duration: 180 mins.**

Friday, January 6, 2023

Answer all the questions.

1)	Draw a neat diagram of android architecture & discuss ART in detail.	(10)
2)	Discuss different activity lifecycle states and associated callbacks.	(10)
3)	Explain intent filter in detail with an example	(10)
4)	Explain android service lifecycle for bounded service.	(10)
5)	Discuss the different types of layout available in android	(10)
6)	Define an adapter view in android. Explain various steps required to construct a spinner view in android application	(10)
7)	Define Content Provider. Explain application architecture with content provider	(10)
8)	Explain the inherited class and its associated methods which are required in order to implement android applications using SQLite database.	(10)
9)	a. Explain the different ways to register to receive broadcast in android. (5 marks) b. Discuss major classes which are required for constructing notification in android application (5 marks)	(10)
10)	Write a short note on shared preferences. Discuss the techniques used to store and extract application preferences values with an example	(10)

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