

SET B

Unique Paper Code : 42343601
Name of the Course : B.Sc. (Prog.) Physical Science/
Mathematical
Name of the Paper : Android Programming
Semester : VI
Duration : 1 Hours
Maximum Marks : 25
Year of Admission : Admissions of 2015, 2016 & 2017

Attempt any 2 questions. All questions carry equal marks

All parts of questions must be attempted together

Q1: Write a note on **Android Architecture** and **explain** its working? How a **View** class is a building block for user interface components?

Q2: What are the various **XML files** used for android programming in **Android Studio**? Explain the significance of the Manifest **file** in detail.

Q3: Write a code for creating a **Database** with name “**Big_Bazar**” and **Table** name “**Products**” using **SQLite Database** for Android Application, then write code for **inserting** data into database by passing **ContentValues** object.

Table : “Products”

Column Name	Data Type	Attributes
_id	INTEGER	Primary Key, Auto Increment
name	TEXT	
current_price	REAL	
description	TEXT	
discount	INTEGER	

Insert the below records in **Products** Table

name	current_price	description	discount
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“Lenovo Laptop”	35000	“A user friendly laptop”	12
“Toy House”	2000	“A product for kids”	56