

29/11/19 (m)

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This question paper contains 3 printed pages.

Your Roll No. ....

Sl. No. of Ques. Paper: 7798 J

Unique Paper Code : 32343305 ✓

Name of Paper : **Android Programming**

Name of Course : **B.Sc. (Hons.) Computer Science :**

SEM

Semester : **III**

Duration : **2 hours**

Maximum Marks : **25**

(Write your Roll No. on the top immediately on receipt of this question paper.)

Section A is compulsory.

Attempt any **three** questions from Section B.

Parts of a question must be answered together.

SECTION A

1. (a) What is Model-View-Controller in Android? 1
- (b) What is the use of Android Manifest.xml file? 1
- (c) What is Absolute Layout? 1
- (d) The symbolic constant for Camera is KEYCODE\_CAMERA. State whether True or False. 1
- (e) Which class contains the onKey() method? 1

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- (f) How many arguments the OnCheckedChanged() method of the listener takes in Radiobuttons? 1
- (g) What is the advantage of import statements? 1
- (h) Name the method used to shut down the activity. 1
- (i) Differentiate between wrap\_content and match\_parent values. 1
- (j) XML tags are case sensitive. State whether True or False. 1

## SECTION B

2. Briefly describe Android architecture using diagram. 5
3. What are Intents? What are the various types of Intents in Android? Explain with example. 5
4. Give an overview of the following classes:
- (a) Bundle
  - (b) Toast
  - (c) Menu
  - (d) Check Box
  - (e) Spinner. 5
5. What is SQLite database? Why do we use SQLite in Android? How to provide that database connection using SQLite? 5

6. (a) What is method overriding in Java? 2
- (b) Write an XML file that specifies TextView, Button and Edit text. Explain, with example, how Id is created by a user in XML. 3