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Roll No. 

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S. No. of Question Paper : 7088

Unique Paper Code : 32343305

HC

Name of the Paper : Android Programming

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

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 (Compulsory)

1. (a) @string refers to a string in the ..... xml file. 1
- (b) In Android:layout\_column attribute the value starts from..... 1
- (c) Name the tag that contains minSdkVersion. 1
- (d) What is APK in android ? 1
- (e) Name any *two* layouts available in android. 1

(f)

What is the XML Tag used for Menu files ?

(i) <main\_menu>

(ii) <menu>

(iii) <menu\_layout>

(iv) None of these

(g)

Write the command used for installing a new application to the emulator or actual connected device.

(h)

Which class contains the onClick() method ?

(i)

The symbolic constant for Menu Key is KEYCODE\_SET\_MENU. True or False ?

(j)

Android 3.0.X version having API 11 is named as.....

Section-B (Attempt any Three)

2.

Explain the different states and methods of the Android Lifecycle stages with diagram and example.

- 3. What are Intents and Intent filters ? How many types of Intents are there in Android system ? How is intent built ? Explain with example. 5
- 4. What is method overriding in OOPs ? Can we make a class both final and abstract at the same time ? Why ? 5
- 5. Explain the types of Layout supported by android system. What is the difference between Linear Layout and Relative Layout ? Give example. 5
- 6. Explain how you can connect to SQLite database ? How can we load data from a file to SQLite database ? 5

this->val = obj.val;