

This question paper contains 3 printed pages]

11/12/17  
Friday

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 ? 1
  - (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. 1
- (h) Which class contains the onClick() method ? 1
- (i) The symbolic constant for Menu Key is KEYCODE\_SET\_MENU. True or False ? 1
- (j) Android 3.0.X version having API 11 is named as..... 1

**Section-B (Attempt any Three)**

- 2. Explain the different states and methods of the Android Lifecycle stages with diagram and example. 5

- 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