

SEAT No. \_\_\_\_\_

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**SARDAR PATEL UNIVERSITY**  
**M. Sc. Information Technology (INTEGRATED)**  
**SEMESTER – VIII**

Wednesday, 19<sup>th</sup> April 2017

**PS08CIIT04 – Application Development Using Android Platform - I**  
**Session : Evening Time : 2 P.M. To 5 P.M. Total Marks : 70**

**Q – 1 Multiple Choice Questions. (Attempt all)**

[08]

- i) What is the driving force behind an Android application and that ultimately gets converted into a Dalvik executable?
 

A. Java source code	C. R –File
B. The emulator	D. The SDK
- ii) To create an emulator, you need an AVD. What does AVD stands for ?
 

A. Android Virtual Display	C. Android Virtual Device
B. Active Virtual Device	D. Application Virtual Display
- iii) Which one is **NOT** related to fragment class?
 

A. dialogFragment	C. listFragment
B. preferenceFragment	D. cursorFragment
- iv) \_\_\_\_\_ is the first event of life cycle of an activity.
 

A. onCreate()	C. onDestroy()
B. onStop()	D. onStart()
- v) String resources are stored in \_\_\_\_\_ file.
 

A. strings.html	C. strings.java
B. strings.xml	D. strings.css
- vi) setOnClickListener is used for \_\_\_\_\_.
 

A. Button view	C. CheckBox view
B. ToggleButton view	D. All of the above
- vii) Which of the menu displays information related to a particular view on an activity?
 

A. Options	C. Both A. and B.
B. Context	D. None of these
- viii) Images are stored within subfolders of \_\_\_\_\_ folder.
 

A. bin	C. src
B. res	D. gen

- Q – 2 Answer the following Short Questions (ANY SEVEN) [14]**
1. What is Android?
  2. What is ADT? List few task that can be performed using ADT.
  3. List few features available in Android version 4.0 onwards.
  4. What is an Intent?
  5. State main difference between an activity and a fragment.
  6. What is view ? Give few examples of views.
  7. What is purpose of List views? Give example of any 2 List views.
  8. Describe concept of SubMenu in brief.
  9. Explain Gallery view with example.
- Q – 3 (a) Explain features of Android in detail. [06]**
- Q – 3 (b) Explain AVD's and write steps to run application on emulator. [06]**
- OR**
- Q – 3 (b) Explain the architecture of Android in detail. [06]**
- Q – 4 (a) What is activity? Explain Life cycle of an Android Activity. [06]**
- Q – 4 (b) What is Fragments? Explain life cycle of fragments. [06]**
- OR**
- Q – 4 (b) Explain in brief following : [06]**
- i) Progress Dialog      ii) Use of Intent Filters.
- Q – 5 (a) What is use of picker view? Explain any 2 picker views. [06]**
- Q – 5 (b) Explain the controls : [06]**
- i) AutoCompleteTextView      ii) RadioButton      iii) ProgressBar
- OR**
- Q – 5 (b) Explain any two control of List Views. [06]**
- Q – 6 (a) Explain two main types of menus in Android detail. [06]**
- Q – 6 (b) Explain GridView and WebView. [06]**
- OR**
- Q – 6 (b) Explain how AnalogClock and DigitalClock views can be declared in a XML file. [06]**

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