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**Question Paper Code: 59464**

B.E. / B.Tech. DEGREE EXAMINATION, NOV 2018

One credit

Electronics and Communication Engineering

15UEC864 - ANDROID

(Regulation 2015)

Duration: 1.30 hours

Maximum: 50 Marks

Answer ALL Questions

PART A - (20 x 1 = 20 Marks)

1. A type of service provided by android that allows sharing and publishing of data to other applications is
  - (a) View System
  - (b) Content Providers
  - (c) Activity Manager
  - (d) Notifications Manager
2. A type of service provided by android that shows messages and alerts to user is
  - (a) Content Providers
  - (b) View System
  - (c) Notifications Manager
  - (d) Activity Manager
3. In android studio, callback that is called when activity interaction with user is started is
  - (a) onStart
  - (b) onStop
  - (c) onResume
  - (d) onDestroy
4. As an android programmer , what version of android should you use as your minimum development target ?
  - (a) Versions 1.6 or 2.0
  - (b) Versions 1.0 or 1.1
  - (c) Versions 1.2 or 1.3
  - (d) Versions 2.3 or 3.0
5. Android is based on Linux for the following reason.
  - (a) Security
  - (b) Portability
  - (c) Networking
  - (d) All of these
6. What Operating System Is Used As The Base Of The Android Stack?
  - (a) Linux
  - (b) Windows
  - (c) Java
  - (d) None of the above

7. Required android tools for development is called  
 (a) APK                      (b) JDK                      (c) IDE                      (d) SDK
8. Official IDE released for android development is called  
 (a) Eclipse                      (b) Net beans                      (c) Android studio                      (d) Java
9. Android Component That Manages Appearance & Format On Screen Is Called  
 (a) Fragment                      (b) Intent                      (c) View                      (d) Layout
10. What Is The Parent Class Of All Activity Widgets?  
 (a) View group                      (b) Layout                      (c) View                      (d) Widget
11. Which method is used to close an activity ?  
 (a) Destroy()                      (b) Finish()                      (c) Stop()                      (d) Close()
12. Broadcast receivers are android's implementation of system - wide publish/subscribe mechanism , or more precisely. What design pattern?  
 (a) Observer                      (b) Facade                      (c) Mediator                      (d) Command
13. Tab that can be used to do any task that can be done from DOS window is  
 (a) TODO                      (b) Messages                      (c) Terminal                      (d) Comments
14. Most common environment to run Java programs written for PC only is called  
 (a) JRE                      (b) JDK                      (c) IDE                      (d) SDK
15. You can shut down an activity by calling its \_\_\_\_\_ method  
 (a) onDestory()                      (b) finishActivity()                      (c) ) finish()                      (d) None of the above
16. How many ways to start services?  
 (a) Started                      (b) Bound                      (c) a & b                      (d) Messenger
17. Which one is not a nickname of a version of Android?  
 (a) Cupcake                      (b) Lollipop                      (c) Honeycomb                      (d) Muffin
18. The \_\_\_\_\_ file specifies the layout of your screen?  
 (a) Layout file                      (b) Manifest file                      (c) Strings XML                      (d) R file
19. What built-in database is Android shipped with?  
 (a) SQLite                      (b) Apache                      (c) MySQL                      (d) Oracle
20. Which of the following are UI elements that you can use in a window in an Android application?  
 (a) Text Box                      (b) Text View                      (c) Edit Text                      (d) Both b&c

PART – B (2 x 15= 30 Marks)

21. (a) Explain Android Application components (15)

Or

(b) Explain Android Activity. (15)

22. (a) (i) Explain about decision making structure in java. (8)

(ii) Explain the features of android. (7)

Or

(b) Explain in detail about operators in java with example programs. (15)

