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**Question Paper Code: 58464**

B.E. / B.Tech. DEGREE EXAMINATION, APRIL 2019

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. Dalvik Virtual Machine (DVM) actually uses core features of  
(a) Windows (b) Mac (c) Linux (d) Contiki
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  
Android library that provides access to UI pre-built elements such as buttons, lists, views etc. is  
(a) android.text (b) android.OS (c) android.view (d) android.webkit
4. Android releases since 1.5 have been given nicknames derived how?  
(a) Adjective and strange animal (b) Food  
(c) Something that starts w/ 'A' (d) American states
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. In android studio, callback that is called when activity interaction with user is started is  
(a) onStart (b) onStop (c) onResume (d) onDestroy

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. Android is based on Linux for the following reason.
  - (a) Security
  - (b) Portability
  - (c) Networking
  - (d) All of these
11. Which method is used to close an activity ?
  - (a) Destroy()
  - (b) Finish()
  - (c) Stop()
  - (d) Close()
12. Required android tools for development is called
  - (a) APK
  - (b) JDK
  - (c) IDE
  - (d) SDK
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. Status Data Will Be Exposed To The Rest Of The Android System Via
  - (a) Intents
  - (b) A content provider
  - (c) Network receivers
  - (d) Altering permissions
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. The \_\_\_\_\_ file specifies the layout of your screen?
  - (a) Layout file
  - (b) Manifest file
  - (c) Relative Layout
  - (d) All of the above
18. Layouts in android?
  - (a) Frame Layout
  - (b) Linear Layout
  - (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 are the screen sizes in Android?
  - (a) Small
  - (b) Normal
  - (c) Large
  - (d) All of the above

PART – B (2 x 15= 30 Marks)

21. (a) Draw and explain the Architecture of Android. (15)

Or

(b) How many layers are use to create android OS. (15)

22. (a) (i) Describe Android & APK format. (5)

(ii) Explain about java data types for android application development. (10)

Or

(b) Explain Android Application components. Iain in detail about operators in java (15)  
with example programs.

