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180863/170863

6th Sem / Comp.

Subject:- Mobile Application Development

Time : 3Hrs.

M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 What is an activity in android? (CO5)
- a) It is an android class
 - b) It is an android package
 - c) It is a single screen in android application with a user interface
 - d) None of the above
- Q.2 Which of the following virtual machine is used by the Android operating system? (CO5)
- a) JVM
 - b) Dalvik virtual machine
 - c) Simple virtual machine
 - d) None of the above
- Q.3 How can we stop the services in android? (CO6)
- a) By using the stopSelf () and StopService() method
 - b) By using the finish () method
 - c) By using system.exit () method
 - d) None of the above
- Q.4 Which of the following is not an activity lifecycle callback method? (CO6)

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- a) onClick () method
 - b) onCreate() method
 - c) onStart () method
 - d) onBackPressed() method
- Q.5 What is the use of content provider in Android? (CO7)
- a) For storing the data in the database
 - b) For sharing the data between applications
 - c) For sending the data from an application to another application
 - d) None of the above
- Q.6 Which of the following layout in android aligns all children either vertically or horizontally? (CO5)
- a) Relative Layout
 - b) Table Layout
 - c) Frame Layout
 - d) Linear Layout
- Q.7 AVD stand for (CO4)
- a) Android Virtual Display
 - b) Android Virtual Device
 - c) Active Virtual Device
 - d) Application Virtual Display
- Q.8 Intents (CO5)
- a) are messages that are sent among major building blocks
 - b) trigger activities to being, services to start or stop, or broadcast
 - c) are asynchronous
 - d) all of these
- Q.9 What is the standard form of WI-FI? (CO2)
- a) Wired Fidelity
 - b) Wired Function
 - c) Wireless Fidelity
 - d) None of the above

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- Q.10 Mobile Computing allows transmission of data from one wireless-enabled device to another
- Any device
 - Wired device
 - Wireless-enabled device
 - none of the above

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Expand SDK. (CO5)
- Q.12 Expand API. (CO6)
- Q.13 Mobile computing is _____ architecture. (CO2)
- Q.14 List any two attributes of Layout. (CO5)
- Q.15 _____ is the process of converting addresses into geographic coordinates. (CO6)
- Q.16 Expand HTTP. (CO7)
- Q.17 Name any two methods used with Location object to get location specific information. (CO7)
- Q.18 Radio Button is used for _____ (CO5)
- Q.19 List two applications of Bluetooth. (CO1)
- Q.20 Give full form of WI-MAX (CO1)

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Differentiate between wired and wireless mechanism of computing. (CO1)
- Q.22 Explain intents in android. (CO5)
- Q.23 List any five functions of mobile computing. (CO1)
- Q.24 What do you mean by viewgroup in android? (CO5)

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- Q.25 Explain Dalvik Virtual Machine. (CO5)
- Q.26 List any five views in android with example. (CO5)
- Q.27 How to Display pictures with views in android? (CO6)
- Q.28 Define geocoding with example. (CO5)
- Q.29 How to add marker in Location Based service? (CO6)
- Q.30 Write a short note on SQLite. (CO7)
- Q.31 Explain layouts in android with examples. (CO5)
- Q.32 How to develop an application to make a phone call? (CO6)
- Q.33 Name any five versions of android operating system. (CO4)
- Q.34 How zoom control is used in Location Based Service? (CO6)
- Q.35 Describe the process of downloading binary data using android services. (CO7)

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Explain the architecture of android operating system with diagram. (CO2)
- Q.37 Explain the procedure of storing and retrieving data from internal and external storage in android. (CO7)
- Q.38 Describe any five advanced views along with its attributes and examples in android. (CO5)

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