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180863/170863

6th Sem / Branch : Computer Engg.
Sub. : Mobile Application Development

Time : 3Hrs.

M.M. : 100

SECTION-A

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

- Q.1 Android is- (CO2)
- a) An operating system
 - b) A web browser
 - c) A web server
 - d) None of the above
- Q.2 For which of the following Android is mainly developed? (CO2)
- a) Servers
 - b) Desktops
 - c) Laptops
 - d) Mobile devices
- Q.3 Which of the following virtual machine is used by the Android operating system? (CO3)
- a) JVM
 - b) Dalvik virtual machine
 - c) Simple virtual machine
 - d) None of the above

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- Q.4 APK stands for -? (CO4)
- a) Android Phone Kit
 - b) Android Page Kit
 - c) Android Package Kit
 - d) None of the above
- Q.5 Which is not an Android component of the following? (CO5)
- a) Layout
 - b) Service
 - c) Activity
 - d) Content Provider
- Q.6 Which of the following are not used in mobile communication? (CO1)
- a) Wires
 - b) Cables
 - c) Wired antenna
 - d) All of the above
- Q.7 Mobile telephones are _____ systems? (CO2)
- a) One to one
 - b) One to many
 - c) Many to many
 - d) None of the above
- Q.8 When was mobile communication introduced? (Co2)
- a) 1983
 - b) 1999
 - c) 1998
 - d) 1967
- Q.9 Content provider includes: (CO7)
- a) View Contact
 - b) Add Contacts
 - c) Delete Contacts
 - d) All of the above
- Q.10 Tier-3 in mobile computing architecture is also called as (CO2)
- a) Operating tier
 - b) Mobility tier
 - c) Application tier
 - d) Data tier

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SECTION-B

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

- Q.11 Give Full form of ADT. (CO2)
- Q.12 Name and two attributes to Text view. (CO3)
- Q.13 Define AVD. (CO3)
- Q.14 What is DVM? (CO4)
- Q.15 Give full form of API. (CO5)
- Q.16 Define Geocoding. (CO6)
- Q.17 What is contained in manifest.xml? (CO7)
- Q.18 What is the name of built-in database in android? (CO7)
- Q.19 There can be only one activity at a time. (True/False) (CO4)
- Q.20 IN general, a mobile computing environment can also be considered as the type of _____ environment. (CO1)

SECTION-C

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

- Q.21 Write the limitations of Mobile computing. (CO1)
- Q.22 Explain about action bar with example. (CO4)
- Q.23 Explain geocoding and reverse geocoding. (CO7)
- Q.24 Explain TextView and its three attributes. (CO3)
- Q.25 Discuss advantages of android. (CO2)
- Q.26 Write short note on CheckBox and Toggle Button. (CO5)

- Q.27 Explain android life cycle. (CO3)
- Q.28 Write short note on SMS. (CO6)
- Q.29 Write short note on SQLite database. (CO6)
- Q.30 Explain types of dialog boxes in android. (CO4)
- Q.31 Explain about the zoom control and adding marker in the location based services. (CO6)
- Q.32 Describe the process of storing and retrieving the data from internal storage. (CO7)
- Q.33 How does content provider work? (CO7)
- Q.34 Differentiate between implicit and explicit intent. (CO4)
- Q.35 What is viewgroup in android? Explain. (CO5)

SECTION-D

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

- Q.36 Explain Android OS architecture in detail. (CO2)
 - Q.37 Name the different types of Menus in Android. Explain the working of Option menu with example. (CO5)
 - Q.38 Write short note on the following (CO1)
 - a) Edit text view
 - b) Listview
 - c) Layouts in android
- Note Course outcome (CO) mentioned in the question paper is for official purpose only