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

Time : 3Hrs.   M.M. : 100

SECTION-A

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

Q.1   When the activity is not in focus but still visible on the screen, it is in which of the following state?   (CO4)
a)   Stopped state   b)   Running state
c)   Paused state   d)   Displayed state

Q.2   Which of the following kernel is used in Android: (CO5)
a)   Windows   b)   Linux
c)   MAC   d)   None of these

Q.3   Tier-1 in mobile computing architecture is also called as :   (CO2)
a)   Operating tier   b)   Presentation tier
c)   Application tier   d)   Data tier

Q.4   Which of the following is part of location based services in Android: (CO6)
a)   View Loc   b)   Locator Map
c)   Views   d)   Reverse geo coding

Q.5   Which year was the Open Handset Alliance announced :   (CO4)
a)   2006   b)   2007
c)   2008   d)   2009

Q.6   Content provide includes :   (CO7)
a)   Delete Contacts   b)   Add Contacts
c)   View Contacts   d)   All of these

Q.7   Which control is used to display text?   (CO6)
a)   List view   b)   Image view
c)   Phone view   d)   Text view

Q.8   _____ means it will occupy the complete space available on the display of the device.   (CO6)
a)   wrap_parent   b)   match_content
c)   match_parent   d)   wrap_content

Q.9   To embed a web browser in your activity, which view is used?   (CO6)
a)   Edit View   b)   Chrome view
c)   Browser View   d)   Web View

Q.10   Which of the following is a Dialog class in Android?   (CO6)
a)   Alert Dialog   b)   Date Picker Dialog
c)   Progress Dialog   d)   All of these

SECTION-B

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

Q.11   Give full form of AVD.   (CO5)

Q.12 Progress bar is used for _____. (CO6)

Q.13 WLAN stands for _____. (CO3)

Q.14 Bluetooth is used for _____. (CO3)

Q.15 API stands for _____. (CO6)

Q.16 HTTP stand for _____. (CO7)

Q.17 List any two android mobile device manufactures. (CO4)

Q.18 SMS stands for _____. (CO6)

Q.19 Name any two attributes of Auto Complete Text view. (CO6)

Q.20 SQ Lite is a database system. (True/False) (CO7)

SECTION-C

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

Q.21 List any five differences between wireless and wired mechanism in mobile computing. (CO3)

Q.22 Explain any five features of android. (CO4)

Q.23 Discuss about the evolution of mobile computing. (CO1)

Q.24 Explain about Android Runtime. (CO4)

Q.25 Discuss about display orientation in Android. (CO5)

Q.26 Explain about Date Picker view. List any three attributes of the view. (CO6)

Q.27 Write the important steps for creating an application to send SMS. (CO6)

Q.28 Summarize the procedure to create gallery view in android. (CO6)

Q.29 Define Intent? Explain different types of Intent. (CO5)

Q.30 Explain the context menus used in android. (CO6)

Q.31 Explain about geo coding and reverse geocoding in location based services. (CO6)

Q.32 Describe the process of storing and retrieving the data from internal storage. (CO7)

Q.33 Explain the procedure to navigate to a specific location in location-based services of android. (CO7)

Q.34 Explain about the process of obtaining API keys in location based services. (CO6)

Q.35 Explain the steps for accessing the web services in android. (CO7)

SECTION-D

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

Q.36 Describe the following along with three attributes of each: (CO6)

a) Time picker view   b) Edit Text view

Q.37 Explain about SQLite data base used in Android. How can you create and use data bases in SQ Lite? (CO7)

Q.38 Explain in detail the architecture of Android with a neat and clean diagram. (CO5)

Note : Course Outcome (CO) mentioned in the question paper is for official purpose only.