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Roll No.

180863/170863

6th Sem / Computer Engineering

Subject : Mobile Application Development

Time : 3 Hrs.

M.M. : 100

SECTION-A

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

Q.1 Android is: (CO-4)

- a) Web browser b) Web server
- c) Operating system d) Database

Q.2 Which of the following virtual machine is used by the Android operating system? (CO-5)

- a) Simple virtual machine
- b) Java virtual machine
- c) Dalvik virtual machine
- d) Android virtual machine

Q.3 Tier-2 in mobile computing architecture is also called as: (CO-2)

- a) Operating tier b) Mobility tier
- c) Application tier d) All of the above

Q.4 ADT means: (CO-6)

- a) All Development Tool
- b) Android Direction Tool
- c) Android Development Tool
- d) All Desk Tool

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Q.5 _____ means it will occupy the complete space available on the display of the device. (CO-6)

- a) wrap_content b) match_content
- c) wrap_parent d) match_parent

Q.6 To embed a web browser in your activity which view is used? (CO-6)

- a) Edit View b) Chrome View
- c) Browser View d) Web View

Q.7 In Android, a view is also known as: (CO-6)

- a) Image b) Widget
- c) Scene d) PcView

Q.8 Which of the following is not a part of Android's native libraries? (CO-4)

- a) SQLite b) Webkit
- c) Dalvik d) OpenGL

Q.9 Content provider includes: (CO-7)

- a) View Contacts b) Add Contacts
- c) Delete Contacts d) All of the mentioned

Q.10 Which year was the Open Handset Alliance announced: (CO-4)

- a) 2006 b) 2007
- c) 2008 d) 2009

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SECTION-B

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

- Q.11 WI-FI stands for _____. (CO-3)
- Q.12 WI-MAX stands for _____. (CO-3)
- Q.13 List any two android mobile device manufactures. (CO-4)
- Q.14 Give full form of SDK. (CO-5)
- Q.15 Name any two attributes of RadioButton view. (CO-6)
- Q.16 TextView is used for _____. (CO-6)
- Q.17 Give full form of SMS. (CO-6)
- Q.18 SQLite is a database system. (True/False) (CO-7)
- Q.19 Give full form of HTTP. (CO-7)
- Q.20 Zoom control is used for _____. (CO-7)

SECTION-C

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

- Q.21 Discuss about the evolution of mobile computing. (CO-1)
- Q.22 Explain about Android Runtime. (CO-4)
- Q.23 List any five differences between wired and wireless mechanism in mobile computing. (CO1)
- Q.24 Explain any five features of android. (CO-4)
- Q.25 Explain about intents available in android. (CO-5)
- Q.26 Explain any five attributes of DatePicker view. (CO-6)
- Q.27 Discuss about ToggleButton and ImageButton views. (CO-6)

- Q.28 Write the steps used in developing a mobile application or making a phone call. (CO-6)
- Q.29 Summarize the procedure to create gallery view in android. (CO-6)
- Q.30 Explain about context menus used in android. (CO-6)
- Q.31 Explain about geo coding and reverse geocoding in location-based services. (CO-6)
- Q.32 Explain about the process of obtaining API keys in location-based services. (CO-6)
- Q.33 Explain the steps for accessing the web services in android. (CO-7)
- Q.34 Describe the process of storing and retrieving the data from external storage. (CO-7)
- Q.35 Describe the procedure to navigate to a specific location in location-based services of android. (CO-7)

SECTION-D

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

- Q.36 Explain location-based services in detail. (CO-6)
- Q.37 Define mobile computing. Explain 3-tier architecture of mobile computing along with its diagram. (CO-1)
- Q.38 Describe the following: (CO-6)
 - a) EditText view
 - b) TimePicker view

(**Note:** Course outcome/CO is for office use only)