

No. of Printed Pages : 4
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 _____ 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.2 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.3 In Android, a view is also known as: (CO-6)

- a) Image b) Widget
- c) Scene d) PC view

Q.4 Which of the following method is used to handle what happens after a click event? (CO-5)

- a) onAfterclick() b) onClick()
- c) onTouch() d) None of these

Q.5 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.6 Content provider includes: (CO-7)

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

Q.7 Tier-3 in mobile computing architecture is (CO-2)

- a) Presentation tier b) Application tier
- c) Data tier d) None of these

Q.8 Which of the following kernel is used in Android:

- a) Windows b) Linux (CO-6)
- c) MAC d) None of these

Q.9 ADT means: (CO-6)

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

Q.10 Which of the following is not a part of Android's native libraries? (CO-4)

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

Section B

Note: Objective types Questions. All Questions are compulsory. (10x1=10)

- Q.11 List any two android mobile device manufactures. (CO-4)
Q.12 Give full form of SDK. (CO-5)
Q.13 WI-FI stands for _____. (CO-1)
Q.14 WI-MAX stands for _____. (CO-1)
Q.15 Name any two attributes of CheckBox view. (CO-6)
Q.16 SQLite is a database system. (True/False) (CO-7)
Q.17 ListView is used for _____. (CO-6)
Q.18 Give full form of SMS. (CO-6)
Q.19 Give full form of HTTP. (CO-7)
Q.20 Zoom control is used for _____. (CO-5)

Section-C

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

- Q.21 Explain any five features of android. (CO-4)
Q.22 Describe about Android Virtual Device. (CO-5)
Q.23 Discuss about the evolution of mobile computing through telephony. (CO-2)
Q.24 List any five differences between wired and wireless mechanism in mobile computing. (CO-1)
Q.25 Explain about intents available in android. (CO-5)
Q.26 Explain about Dialog boxes used in development of mobile applications. (CO-6)
Q.27 Explain about Toggle Button and ImageButton views (CO-6)

- Q.28 Summarize the procedure to create Menus in an android application. (CO-6)
Q.29 Discuss about TextView and ProgressBarviews (CO-6)
Q.30 Write the steps used used in developing a mobile application for making a phone call. (CO-6)
Q.31 Explain about the zoom control and adding marker in the location-based services. (CO-6)
Q.32 Discuss about accessing the web services in android. (CO-7)
Q.33 Explain content provider. How it is implemented in android applications? (CO-7)
Q.34 Explain about geo coding and reverse geo coding used in providing location -based services. (CO-6)
Q.35 Describe the process of storing and retrieving the data from external storage. (CO-7)

Section-D

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

- Q.36 Define mobile computing. Explain 3-tier architecture of mobile computing along with its diagram. (CO-1)
Q.37 Describe the following with three attributes of each:
a) DatePicker view (CO-6)
b) RadioButton view
Q.38 Explain about SQLite database used in Android. How can you create and use database in SQLite? (CO-6)

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