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**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

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

(1)

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(2)

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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