

No. of Printed Pages : 4
Roll No.

220863B

**6 th Sem. / Computer Engineering , Computer
(For Speech and Hearing Impaired)**

Subject : Mobile Application Development

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 Which language is mainly used for Android application development ?

- a) Python b) C++
- c) PHP d) Java

Q.2 Which of the following is/are tier(s) for Mobile computing ?

- a) Presentation tier b) Application tier
- c) Data tier d) All are correct

Q.3 Which of the following Virtual machine is used by the Android OS ?

- a) Dalvik Virtual machine
- b) Java virtual machine
- c) Simple virtual machine
- d) None

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Q.4 Android is based on which of the following operating system ?

- a) IOS b) Linux
- c) Windows d) Unix

Q.5 Which attribute is used to set the text of a Text View in XML ?

- a) Android: set Text b) Android : Text Value
- c) Android : Text d) Android : label

Q.6 What does LBS stand for ?

- a) Local Broadcast Service
- b) Location Based System
- c) Location Based services
- d) None

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 Explain AVD.

Q.8 What is Dalvik Virtual machine

Q.9 What is the role of Intent Filter in Android ?

Q.10 What is reverse geocoding ?

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Q.11 What class is used for formatting time in Android ?

Q.12 What is Mobile computing ?

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Write short note on SDK.

Q.14 What do you mean by intents in Android and its types .

Q.15 Explain any four features of Android.

Q.16 Explain Life Cycle of Fragments .

Q.17 Explain Date Picker view in detail .

Q.18 Explain commonly used menus in Android Applications.

Q.19 Write down the steps for creating the analog and digital clock in Android Application .

Q.20 What are Location based services in Android

Q.21 How to store and retrieve data in internal and external storage .

Q.22 Explain the Architecture of SMS.

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SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 What do you mean by Mobile Operating System ? Also, explain the features of Mobile operating System .

Q.24 Explain how the lifecycle of an android activity works.

Q.25 Explain the following with at least four attributes each :

a) Textview

b) Checkbox

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