



SIDDHARTH GROUP OF INSTITUTIONS :: PUTTUR
Siddharth Nagar, Narayanavanam Road – 517583

QUESTION BANK (DESCRIPTIVE)

Subject with Code : MAD (16MC834)

Course & Branch: M.C.A

Year & Sem: III MCA & I Sem

Regulation: R16

UNIT –I

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|---|-----|
| 1) a) What is android? Explain their versions and applications? | 6M |
| b) Explain the procedure steps of Installing Android SDK Tools | 6M |
| 2) Explain the features of Android and obtaining the requirement tools | 12M |
| 3) Discuss about the anatomy of android application | 12M |
| 4) Define about how you understanding Activities | 12M |
| 5) a) Discuss about configuring the android SDK | 6M |
| b) Briefly discuss about ADT Tools | 6M |
| 6) Discuss about fragments and Intents | 12M |
| 7) Brief about Calling Built-In Applications using Intents | 12M |
| 8) Briefly discuss about Linking Activities and fragments | 12M |
| 9) Explain how you are creating first android application | 10M |
| 10) a) Explain briefly about how you understanding different activities | 6M |
| b) Discuss about linking Activities using Intents | 6M |

UNIT-II

- 1) Explain about understanding different components of a Screen 12M
- 2) Discuss about Views and their ViewGroups 12M
- 3) a) Discuss about anchoring views 6M
b) Briefly about resize and repositioning 6M
- 4) Difference between Table Layout and Frame Layout 12M
- 5) Briefly about Scroll View & anchoring views 12M
- 6) Explain about adapting to display orientation 12M
- 7) a) How you detecting orientation changes 6M
b) Discuss about controlling orientation of the activity 6M
- 8) How you managing & changes to screen orientation 12M
- 9) Explain neatly about Absolute and Relative Layouts 12M
- 10) a) Discuss customizing the action items and their applications 6M
b) Briefly discuss about adding action items to the action bar 6M

UNIT-III

- 1) Briefly discuss about basic views and their contents 12M
- 2) Discuss about pictures and their menus views 12M
- 3) Explain about
 - a) Progress bar b) Toggle button 6M
 - c) Image button d) Edit Text 6M
- 4) Explain about displaying long lists and their overview 12M
- 5) Discuss about Image views to display pictures 12M
- 6) Discuss about
 - a) Dialog fragment b) Preference fragment 6M
 - c) List fragment d) Specialized fragment 6M
- 7) Explain about Menus and additional views 12M
- 8) Difference between basic views and picker views 12M
- 9) Discuss about specialized fragments with their summary 12M
- 10) Explain about
 - a) Data Picker b) Time Picker c) DateTime Picker 6M
 - d) ListView view e) Spinner View 6M

UNIT-IV

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|---|-----|
| 1) Explain about persisting data to files | 12M |
| 2) How you creating and using databases | 12M |
| 3) Explain about | |
| a) creating DBAdapter Helper class | 6M |
| b) choosing best storage option | 6M |
| 4) Discuss static resources and predefined query string constants | 12M |
| 5) Briefly discuss about content providers | 12M |
| 6) a) Discuss about sharing data in android | 6M |
| b) Pre-creating the database | 6M |
| 7) How you creating your own content providers | 12M |
| 8) Explain about saving data to internal and external storage | 12M |
| 9) Discuss about saving and loading user preferences | 12M |
| 10) Discuss about | |
| a) Accessing preferences b) Retrieving & Modifying preferences | 6M |
| c) Projections, Filtering d) Sorting | 6M |

UNIT-V

- 1) Explain about creating your own services in android developing 12M
- 2) Explain about different kinds of messaging 12M
- 3) a) Discuss about digital signing in android applications 6M
b) About versioning your application while publishing 6M
- 4) How you publishing android applications in the market 12M
- 5) a) Define about binding activities to services 6M
b) Understanding different kinds of threading 6M
- 6) Briefly discuss about deploying APK Files 12M
- 7) How the communication was establishing between a service & activity 12M
- 8) Discuss about adb.exe tool & web server 12M
- 9) Briefly discuss about caveats and warnings, sending e-mail 12M
- 10) a) Discuss about preparing for publishing 6M
b) Executing asynchronous tasks on separate threads 6M