



**SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)**

Siddharth Nagar, Narayanavanam Road – 517583

QUESTION BANK (DESCRIPTIVE)

Subject with Code: Mobile Application Development (19MC9138)

Course & Branch: MCA

Regulation: R19

Year & Sem: III MCA & I-Sem

**UNIT –I
THE ANDROID PLATFORM**

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|----|---|-----------|-------|
| 1 | a) What is android? Explain their versions and applications? | [L1][CO1] | [6M] |
| | b) Explain the procedure steps of Installing Android SDK Tools | [L3][CO3] | [6M] |
| 2 | Explain the features of Android and obtaining the requirement tools | [L2][CO3] | [12M] |
| 3 | Discuss about the anatomy of android application | [L1][CO1] | [12M] |
| 4 | Define about how you understanding Activities | [L2][CO4] | [12M] |
| 5 | a) Discuss about configuring the android SDK | [L1][CO1] | [6M] |
| | b) Briefly discuss about ADT Tools | [L2][CO2] | [6M] |
| 6 | Discuss about fragments and Intents | [L1][CO4] | [12M] |
| 7 | Brief about Calling Built-In Applications using Intents | [L2][CO4] | [12M] |
| 8 | Briefly discuss about Linking Activities and fragments. | [L2][CO1] | [12M] |
| 9 | Explain how you are creating first android application | [L1][CO1] | [12M] |
| 10 | a) Explain briefly about how you understanding different activities | [L1][CO1] | [6M] |
| | b) Discuss about linking Activities using Intents | [L1][CO3] | [6M] |

UNIT –II
UNDERSTANDING THE COMPONENTS OF A SCREEN

1	Explain about understanding different components of a Screen	[L2][CO1]	[12M]
2	Discuss about Views and their ViewGroups	[L2][CO3]	[12M]
3	a) Discuss about anchoring views	[L2][CO1]	[6M]
	b) Briefly about resize and repositioning	[L1][CO4]	[6M]
4	Difference between Table Layout and Frame Layout.	[L2][CO1]	[12M]
5	Briefly about Scroll View & anchoring views	[L3][CO4]	[12M]
6	Explain about adapting to display orientation	[L2][CO1]	[12M]
7	a) How you detecting orientation changes	[L1][CO1]	[6M]
	b) Discuss about controlling orientation of the activity	[L3][CO3]	[6M]
8	How you managing & changes to screen orientation	[L1][CO1]	[12M]
9	Explain neatly about Absolute and Relative Layouts	[L3][CO1]	[12M]
10	a) Discuss customizing the action items and their applications	[L1][CO1]	[6M]
	b) Briefly discuss about adding action items to the action bar	[L3][CO3]	[6M]

UNIT –III
DESIGNING USER INTERFACE WITH VIEWS

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|----|---|-----------|-------|
| 1 | Briefly discuss about basic views and their contents | [L3][CO1] | [12M] |
| 2 | Discuss about pictures and their menus views | [L2][CO4] | [12M] |
| 3 | Explain about
i) Progress bar ii) Toggle button iii) Image button iv) Edit Text | [L4][CO3] | [12M] |
| 4 | Explain about displaying long lists and their overview | [L1][CO3] | [12M] |
| 5 | Discuss about Image views to display pictures | [L2][CO4] | [12M] |
| 6 | Discuss about following fragment
i) Dialog ii) Preference iii)List iv) Specialized | [L4][CO3] | [12M] |
| 7 | Explain about Menus and additional views | [L2][CO3] | [12M] |
| 8 | Difference between basic views and picker views | [L1][CO1] | [12M] |
| 9 | Discuss about specialized fragments with their summary. | [L4][CO4] | [12M] |
| 10 | Explain about i) Data Picker ii)Time Picker iii) DateTime Picker
iv) ListView view v) Spinner View | [L2][CO1] | [12M] |

1	Explain about persisting data to files	[L2][CO4]	[12M]
2	How you creating and using databases	[L1][CO5]	[12M]
3	Explain about a) creating DB Adapter Helper class b) choosing best storage option	[L2][CO4] [L4][CO3]	[6M] [6M]
4	Discuss static resources and predefined query string constants	[L1][CO3]	[12M]
5	Briefly discuss about content providers	[L1][CO1]	[12M]
6	How you creating your own content providers	[L3][CO5]	[12M]
7	a) Discuss about sharing data in android b) Explain about Pre-creating the database	[L3][CO2] [L2][CO1]	[6M] [6M]
8	Explain about saving data to internal and external storage	[L2][CO3]	[12M]
9	Discuss about saving and loading user preferences	[L3][CO4]	[12M]
10	Discuss about i) Accessing preferences ii) Retrieving & Modifying preferences iii) Projections, Filtering iv) Sorting	[L2][CO2]	[12M]

1	Explain about creating your own services in android developing	[L2][CO3]	[12M]
2	Explain about different kinds of messaging	[L3][CO1]	[12M]
3	a) Discuss about digital signing in android applications	[L4][CO3]	[6M]
	b) About versioning your application while publishing	[L3][CO4]	[6M]
4	How you publishing android applications in the market	[L1][CO1]	[12M]
5	a) Define about binding activities to services	[L4][CO1]	[6M]
	b) Understanding different kinds of threading	[L2][CO3]	[6M]
6	Briefly discuss about deploying APK Files	[L3][CO1]	[12M]
7	How the communication was establishing between a service &activity	[L1][CO1]	[12M]
8	Discuss about adb.exe tool & web server	[L3][CO1]	[12M]
9	Briefly discuss about caveats and warnings, sending e-mail	[L4][CO1]	[12M]
10	a) Discuss about preparing for publishing	[L1][CO1]	[6M]
	b) Executing asynchronous tasks on separate threads	[L4][CO4]	[6M]

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