

S No	Topic Name
1	Features of C++(Why learn C++)
2	Basics(Variables, Data types, Basic I/O, Operators, comments)
3	Control Statements
4	Functions(static also)
5	Arrays & String
6	Pointers, Reference and Function pointers
7	Object, Class (Initializer List and Delegate constructors)
8	OOPS Concepts <ul style="list-style-type: none">a. Inheritanceb. Polymorphism (Operator overloading)c. Abstractiond. Encapsulation
13	Typecasting (RTTI)
14	Templates
15	Containers
16	Smart pointers
17	Lambda expressions
18	Regular expressions
19	Design patterns
20	Threads and Semaphore

S No	Topic Name
1	Whats is QT?
2	.pro file
3	QCoreApplication class
4	QObject class
5	QGuiApplication
6	MOC in QT
7	UIC in QT
8	Signals and slots in QT
9	What is QVariant and its usage.
10	Hello world Application in QCoreApplication
11	Simple QLabel Application in UI (QWidget)
12	Resource Files in QT
13	QFile and QDir
14	Creation of various UI controls <ul style="list-style-type: none"> a. QPushButton b. QLabel c. Layouts d. QLineEdit e. QRadioButton f. QComboBox g. QListWidget h. QActions i. QStatusBar j. QMessageBox k. Splitters l. QTreeWidget
27	QTimer
28	QStringList and QList