

Object Oriented Programming (CEN-504)	B.Tech (Computer Engineering) Semester –V Sessional – II 2021 Department of Computer Engineering Jamia Millia Islamia Date : 10-12-2021		Time : 1 Hour Max Marks: 15
	Instructions: Do not share your code with anyone. You will be marked zero if found copied.		
Q1.	Write a program in C++ to demonstrate the use of virtual functions in order to achieve run time polymorphism. Your example program must model some real world scenario.		5
Q2.	Write a C++/Java program highlighting the method of passing parameters from the derived class constructor to a base class constructor? Also display the order of execution of constructors. Your example program must model some real world scenario that consist of more than 4 classes.		5
Q3.	Write a program in C++ to implement a generic Queue using linked list. Implement functions to perform all necessary operations.		5