

National University of Computer and Emerging Sciences, Lahore Campus



Course:	Advance Database Concepts	Course Code:	CS451
Program:	BS(Computer Science)	Semester:	Spring 2018
Date:	20-Mar-2018	Total Marks:	10
Quiz	2 (Hashing Techniques)	Weight:	
Section	CS	Max. Time:	

Q: Suppose that we are using extendable hashing on a file that contains records with the following search-key values: 5, 7, 11, 17, 18, 19, 23, 27, 37, 39. Show the extendable and dynamic hash structures for this file if the hash function is $h(k) = k \bmod 8$ and buckets can hold three records. Show your working.