COL202: Discrete Mathematical Sturctures. I semester, 2017-18.

Quiz 2
31 July 2017
Maximum Marks: 4

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Name	Ent. No.	
	e box. Anything written outside the box vough work on the flip side of this sheet.	vill be treated as
Q. The <i>Pigeonhole principle</i> says that if a then at least one of the partitions must have fact in the following: Let $S = \{1, 2,, n - 1, n\}$ where $n \ge$ the elements of A is equal to the sum of the	the at least 2 elements of the set. Use this single 3. Prove that S has two subsets A, B such	mple but powerful