COMSATS University Islamabad, Lahore Campus

Quiz #1 – SPRING 2021

Course Title:	Design and Analysis of Algorithms		Course Code:	CSC301	Credit Hours:	3
Course Instructor:	Dr. Hasan Jamal		Programme Name:	BS Computer Science		
Semester:	5th	Batch: BCS	Section:	SP19-BCS-B	Date:	10/3/2021
Time Allowed:			**Maximum Marks:**		**10**	
Student's Name:			Reg. No.			

Important Instructions / Guidelines:
- Minimum penalty of trying to cheat or unfair means is zero in this quiz or F grade in the course.

Question:

Prove or disprove $2n^2 - n + 8 \in \Theta(n^2)$