CSc 372 Qui	iz 4: SML Concepts from SA2
Name	
UA Email	
other person someone car quietly use a	ves on your own quiz or exam and study guide. Do not access the internet, any , or AI to help you during the quiz. When you are done, raise your hand so n pick up your quiz and study guide. Once your quiz has been picked up, you can ny devices, but do not communicate with others who are still taking the quiz. questions you have no idea on.
Question 1 [a list?	2 pts]. Write a recursive function in SML that sums the squares of even numbers in
_	[2 pts]. Write a function in SML that sums the squares of even numbers in a list
using foldl?	
Question 3 [[1pt]. True or False

A value's type constrains the way it may be used in a program.

Question 4 [1 pt]. Fill box with answer or a ?
example shown?
<pre>fun length [] = 0 length (x::xs) = 1 + length xs;</pre>
<pre>(define (length x) (if (null? x)</pre>
(+ 1 (length (cdr x)))))
Question 5 [1 pt]. Put the letter for the best answer or a ? in this box
A.(#"a" :: []) B.(#"a" :: _) C.[#"a", _] D.[a, xs]
Question 6 [1pt]. True or False The expression Char.ord c >= Char.ord #"A" evaluates to true only when a capital letter value is bound to c. Question 7 [1 pt]. Put the letter for the best answer or a ? in this box Assuming the partition function you implemented for SA2, partition (fn x => x mod 2 = 0) [1, 2, 3, 4, 5] should return A. [2, 4, 1, 3, 5]
B. ([2, 4]) C. [1, 3, 5] D. ([2, 4], [1, 3, 5])
Question 8 [1 pt]. Put the letter for the best answer or a ? in this box