Question 1 Correct Mark 1.00 out of	Select the function that uses pattern guards correctly to implement the filter function:	
1.00 Flag question	 a. filter_[] = [] filter p (xxxs) p x -> x:filter p xs else -> filter p xs 	
	 b. filter [] = [] filter p (xxxs) = if p x then x:filter p xs otherwise filter p xs 	
	© c. filter_[] = [] filter p (x:xs) p x = x:filter p xs otherwise = filter p xs	
	Your answer is correct.	
Question 2 Correct	Select the snippets that are valid Haskell code	
Mark 1.00 out of 1.00	a. inc :: Num a => a -> a inc a = a + 1	7
, 119 4-11111	□ b. inc: Num a => a -> a inc a = a + 1	
	<pre>C. len I = case I of [] -> 0 (_:xs) -> 1 + len xs</pre>	•
	□ d. len l = case l of [] -> 0 (_::xs) -> 1 + len xs	
	Your answer is correct.	
Question 3 Correct	Which of the following are examples of valid ways to create local definitions in Haskell?	
Mark 1.00 out of 1.00 Flag question	 ☑ a. y * 2 where y = 5 ☑ b. let y = 5 in y * 1 	
	c. local y = 5 in y * 2	
	Your answer is correct.	
Question 4 Correct Mark 1.00 out of 1.00 Flag question	Given the following function definition: $f:: [Int] \rightarrow Int$ $f[1, 2] = 1$ $f[_, _] = 2$ $f[3, 4] = 3$ the result of the following function call is:	
	f [3, 4]	
	Answer: 2	
Question 5 Partially correct	Which function describes best the each of the following list comprehensions?	
Mark 0.67 out of 1.00 Flag question	[x^2 x <- xs] map	
9	[take 3 x <- xs]	
	Your answer is partially correct.	

