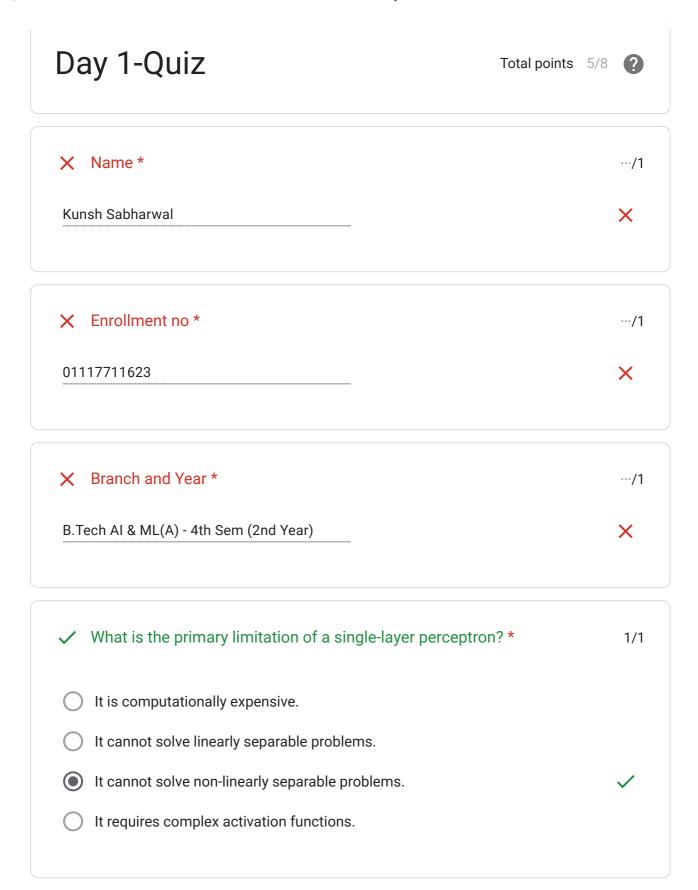
1/6/25, 4:23 PM Day 1-Quiz



1/6/25, 4:23 PM Day 1-Quiz

✓	What role does backpropagation play in a neural network? *	1/1
0	It initializes the weights of the network.	
•	It updates weights to minimize the loss function.	✓
0	It determines the number of layers in the network.	
0	It selects the activation function for each layer.	
~	The ReLU activation function outputs which value for negative inputs?	1/1
0	a) The input value itself	
0	b) A small positive value	
•	c) Zero	✓
0	d) One	
/	What happens if the activation function in a neural network is removed?	1/1
0	a) The network behaves like a deep learning model	
•	b) The network can only perform linear transformations	✓
0	c) The network performs better	
0	d) The network requires fewer layers	

1/6/25, 4:23 PM Day 1-Quiz

✓ Which of the following activation functions is most prone to the vanishing gradient problem?	*1/1
a) Sigmoid	✓
b) Tanh	
C) ReLU	
d) Leaky ReLU	

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