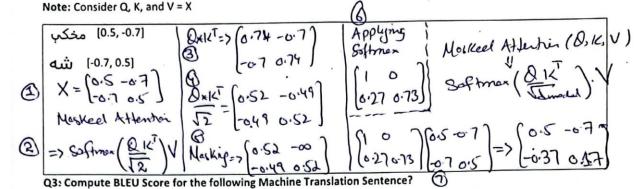
	0 1-5 (111.0)
Roll No:	Quiz 5 (NLP)
NOII IVO.	

**			
Name:			

Q1: If our concern is to save Training Time with infinite memory in hand then which classifier you will pick between Transformer & LSTM. Briefly explain your answer? (No more than 40 words)

Transformers as Training its Encoder & Decorder will take only Time stamp = 1 but at cost of a lot of storage while LSTM takes Time stamp = 'N' & here 'N' is the sentence buth.

Q2: Write Equation and compute Masked Attention on the given (Pre-Trained) embedding of words?

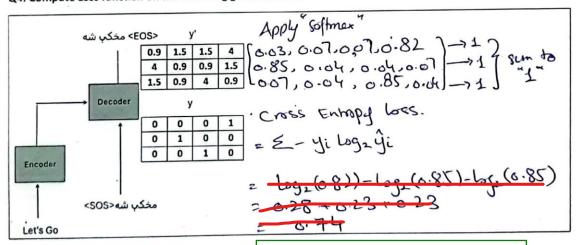


Example: Reference 1: The cat is on the mat.

Reference 2: There is a cat on the mat.

MT output: The cat the cat on the mat.

Q4: Compute Loss function on the following given scenario?



-(-log2(0.82) - log2(0.04) - log2(0.85))