Ansign	ment 2:	•	* - N/A 1 A	Territory Texture	,
1 Par	t 1 to	Luis Salle	Ser William	d Now to my	(on)(a) 1-1
1.1	Problem 1:				1200 20
	t, m,h		Alle Tille		
	m, h, a				5 yester
	h, a, d	1,5	i in the site	March 1	A William
	a,d,c	7,4			(iii)
ii)	Ø, +, m	0, 3			
				1 1 1 1	All Alla
	m, h, a	1, 0, 2	wetter mir	deap = T	Context - +
		was all me			1 to dung.
	a, d, c	7,4		. J. M. a.	Canada Co
	4	·		my promise	/ / / 101 -
iii)	Apply to (i)		Apply	to (li	-) with so
VEN		13 m 13-h 10-h	ion Purch	toug sail	to they
	max pooling	3.7	2-marc	pooly	0,3
	J. C. J. S.	7,4	-	. 1	7,4
2	9		and the second	mar and a sor	mass 9 -
PL.	in useful	because it	allow i	model to	handle
1	03 00324000	nots and in	crease gen	eralizati	in of
		ments the second	0	C there	while 5
wodel					
5.		attention fle	w is that	- the at	Hentin ()
() 12	ne idea of	at lenion in	fun the	entered by	the question
Should	I flow in h	oth ways -	The True		y y
and I	from the qu	estion to conte	, 20		3 3 7 11
	A The Indiana Security				

=> Content - to question attention ii) Context-to-question attention pay attention to different parts of the context based on the question to generate awwer Question - to - context attention pay attention to differents
part of the question based on the question to generate - Because pingle-headed attention Vanly tocus on one set of relationship between different parts while unti-headed attention can capture all relevent information => prefer mult-headed attention i) if the beam size is too small. The algorithm may not explore all possible choices => may miss out on some good results ii) if the beam site & is too large. The algorithm Can explore many good choices and have better result 0 * 参 多 於

a) cost more to compute , and increase search space
and may cause over - fitting
6. Contally - Contally - 10
i) ROUGE stands for Recall-Oriented Understudy
for Gisting Evaluation. It is a set of metrics used
to evaluate the quality of a summary or generated teset by
amparing it to one or more references teset.
ii) BLEV stands for Bilingual Evaluation Understudy.
It is a metric used to evaluate the quality of machine
translation systems by comparing the generated translation
to one of more reference translations.
ii) The difference:
BLEV: focuses on precision: how much the words in
Relite town of the candidate model outputs
appear in the human reference.
ROVERE: Focuses on recall: how much the word in the
human references appear in the candidate model outputs.
7
t) Coreference resolution is identify all mentions that refer
to to the same real world entity
ii) & cluster 2
$m P = 7/9 \qquad m = 1/5$
R = 718 $R = 118$
P-019 P-415
P = 219 $P = 415$ $R = 216$ $P = 416$
$P = (7.\frac{7}{9} + 2.\frac{2}{9} + 1.\frac{1}{5} + 4.\frac{4}{5})/14 = 0,663$
9 9
$R = (7.\frac{7}{8} + 2.\frac{2}{6} + 1.\frac{1}{8} + 4.\frac{4}{6})/14 = 0,685$
6

