

Birzeit University

Electrical and Computer Engineering Department Faculty of Engineering and Technology

ENCS539: Information Retrieval NLP, Quiz2, October 28, 2017

Studer	it Name:	SAMPLE SOLU	IION	Stud	ent Numbe	r:	
Circle	check and/or	write the corre	ct answer (12 in to	tal):			
1-	According to Heaps law the number of terms continues to increase with the increase of the corpus (collection of documents) size, but the rate of change may vary from one language to another.						
2-	_	•	• •	ne 3 ranked term is 3.333, \Box D: None of			
3-	Ū	•	variable byte codir 25%, □ D: None	g of GAPs the amo of the above →	unt of wast		B
4-	The following statement is most likely to be □A True, □False "The average TOKEN length in a corpus is usually larger than the average TERM length"						
5-	Every docur	nent has more t	erms than tokens:			□A True,	, <u>□False</u>
6-	To code the document number in a collection of 400,000 documents we need: □A: 20 bits □B:19 bits, □C: 21 bits, □ D: 18 bits, □ E:None of the above → Answer is:B						
7-	The following	ng is a valid gar	mma code: 110011	:		□A True	e, <u>□False</u>
8-	The following	ng is a valid gar	mma code: 111011	1:		□A Tru	e, □False
	Ü	ng gamma code		7, 13 is: Answer is: lowing sequence of Answer is:	decimal ga		