210	210	210	210	210	210	21
Reais	tration No :					
333						
Γotal <sub>≥</sub> Nu	mber of Pages : 02	210	210	210		.Tech⊵ı 6J003
	6 <sup>th</sup> Sem	nester Regular	/ Back Examin	nation 2018-19		
		IATURAL LAN	<b>GUAGE PROC</b>			
			NCH : CSE e : 3 Hours			
			Marks: 100			
<b>2</b> 10	210 4 2	0.10	ODE : F641	. 210 -	<b>-</b> 210 .	21
Answe	er Question No.1 (Pa		compūlsory, a m Part-III.	ny eight from	Part-II and any t	:wo
	The figu		t hand margin i	indicate marks	S.	
	3.	<b>J</b>				
Q1	Short Answer Type	Questions (An	Part- I swer All-10)		C	2 x 10)
a)	Differentiate between	•	•		(-	- X . C,
2 <b>1b)</b>	Define the N-grams	model.210	210	210	210	21
c)	What are the probler					
d)	What do you unders					
e)	Differentiate between		-	o parsing.		
f)	What do you mean be Give a detailed acce	•		es among the fo	allowing set of	
g)	lexemes: imitation, s				Showing set of	
2 <b>:h)</b>	Differentiate between	•			210	210
i)	List the various issues of machine translation system.					
j)	What is discourse pla	anning?				
			Part- II			
<b>]2</b>	Focused-Short Ans					6 x 8)
a) ₂∱b)	Discuss the relative advantages and disadvantages of partial versus full parsing.  Discuss how to augment a parser to deal with input that may be incorrect, such as					210
210)	spelling errors or speech recognition misrecognitions.					
c)	Discuss various rela	•	~			
d)	What do you mean b	y anaphora reso	lution? Discuss it	ts types and app	lications?	
e)	How to do a discours	•	•			
f)	What is rule based n				:	
g)	What do you unders syntactic constituen					
210	semantic attachmen					21
	(i) Flight 101 from Bh		cpensive.			
la V	(ii) Mexi's restaurant	•			O Francis with	
h)	Why is word sense of examples.	disambiguation in	nportant for langi	uage technology	/? Explain with	
	champics.	N/a wal N   a t				
i)	Write short note on V	vorainet.				
i) j)	Write short note on V Discuss various know		n WSD.			
-		wledge sources i		210	210	210

210	210	210	210	210	210	210	210
		Long Anguar Tuno (	Dungstiana (Am	Part-III	ut of Found		
210	<b>Q3</b> 210	Long Answer Type C Consider the following S -> NP VP Aux NP NP -> Pronoun   Prop Nominal -> Noun   No VP -> Verb   Verb NP	g Grammar and VP   VR er-Noun   Det minal Noun   N	d Lexicon. 210  Nominal Nominal PP	210	210	<b>(16)</b> 210
210	210	PP -> Preposition NP Det -> that   this   a Noun -> book   flight   Verb -> book   include Pronoun -> I   she   m Proper-Noun -> Hous Aux -> does Preposition -> from   t	e   prefer e <sup>210</sup> ton   NWA o   on   near   1	210 through	210	210	210
210	210 <b>Q4</b>	a) Derive the parse tro b) Derive the expandi c) Derive the final pha d) What is ply? Explai	ng bottom-up s ase of the sear n in the contex	search space for the correct of above Gramn	he sentence book t parse tree. nar and Lexicon.	210	210
	Q4 Q5	Explain the history of  Explain Earley parser		·	-	OINLF.	(16) (16)
	Q6	Explain the natural				neat sketch	(16)
210	210	diagram. <sub>210</sub>	210	210	210	210	210
210	210	210	210	210	210	210	210
210	210	210	210	210	210	210	210
210	210	210	210	210	210	210	210