JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATIONS-2023

		B.Tecl	h-VI Semester (OSAT)			
COURSE CODE (CREDITS): 18B11CI612 (3)					MAX. MARKS: 15		
		npiler Design 🐇				:_	
COURSE INSTRUCTORS: Dr. Yugal Kumar, Dr. Himanshu,					MAX. TIME: 1 Hou	ŗ	
Mr. Prateek Thakral, Dr Rajni Mohana							
			rks are indicate	d against each q	uessiin jn square Grack	ets.	
Q.1 [CO2]	And the space growing suitable for marsing if						
	i)	$A \rightarrow BC \mid DBC$	2		W W		
		$B \rightarrow Bb \mid \epsilon$			4	•	
		$C \rightarrow c \mid \epsilon$					
		$D \rightarrow a \mid d$	e de la companya de La companya de la companya de l				
	ii)	$S \longrightarrow a$					
	•	$\mathbb{S} \to (A)$		4			
		$A \to S$					
	,	$A \rightarrow A,S$					
Q.2 [CO2]	Which is no lor	types of changes on the ambiguous	san be done in the s for the given s	tring ident + int	ned grammar such that + int?	(2)	
	P – E –	→E《************************************	•				
		⇒ T					
" 🛰	T.V.	⊸ident ≤> int				•	
0.3[002]	produc	at the first token tions for the start E+T or simply	symbol (E), E	3*x + y*z (w >E + T T. Hov	hich is const) and the can you tell whether i	e (2) t	
Q.4 [CO1]	code. I Just	s it possible? ify with appropria	ate evidence?		tly from the source	(2+2+2)	
	b) Hov	v to design the tra	nsitive dicaram	Soldentifier and	i reserved words?		