

1 D nija - trading KD5

a and a second s

065432106543....

Ritigh

2.3. 6R	R Brand Contraction of the second sec			txitq n
BRITIS		iji di	şiti t	
in the state of th				

		B	186	j⊉£ G26n				
		P	0	5				
		P	2	7				
		B	4	6				
		₽	7	2				
þ fa n	n¢	n≥2) deta	Ł	Rith				
tik.		S üallida		Qüüda	B n			
t pstolijiiii:(?tyt ff								
Exa D		Q tinplegin		T title				
				n,S,nd T.				

3

þ

SO (SEA HS	citàn .	F Ø
	-	
) à C 10	$f \in O(g)$ (b) -b)	
þ diliph	$f \in O(n)$, by	
$\int n^2 - n$,	n ≤ 3	
$f(n) = \frac{1}{5}5n + 7$	n > 3 al $n d > .$	
4		
[411,		
2 projego p la		, axa
β.∰21 ⊾⊥		
0 <u>B</u>		
	B.	
or m(er erecht		
R 114		
int CountKey(treep	tr *p. int kevval);	

. EDEta

tig() for faithfishing ight sas a leaf node

Theory Exam

Answer **ANY TWO** of the following three questions:

1. Provide a context-free grammar that generates the following language over $\Sigma = \{0,1\}$:

 $\{ = 0^{*}1^{*}: | | \text{ is odd} \}$

2. A clique in an undirected graph is a subgraph wherein every two nodes are connected by an edge. Consider the language:

	<i>3CLIQUE</i> } {	Ρ	r	0	Y	Т	W	Q	U	Е	}
--	---------------------------	---	---	---	---	---	---	---	---	---	---