Angwer key . DRUP a HOST -

7

(3)

Downer of Lexical Analysis of Syntay

Amalysis of Semantic Analysis of

IR Greneration of IR optimization

of code Generation of Code optimization

of machine Code

TM = 0.6 & IM + 0.4 & EM

Cy Each Prage Approx. Output

MOV R1, IM MUL R1, # O.G MOU R2, EM MUL R2, # O.4 ADD R2, R1 MOV TM, R2

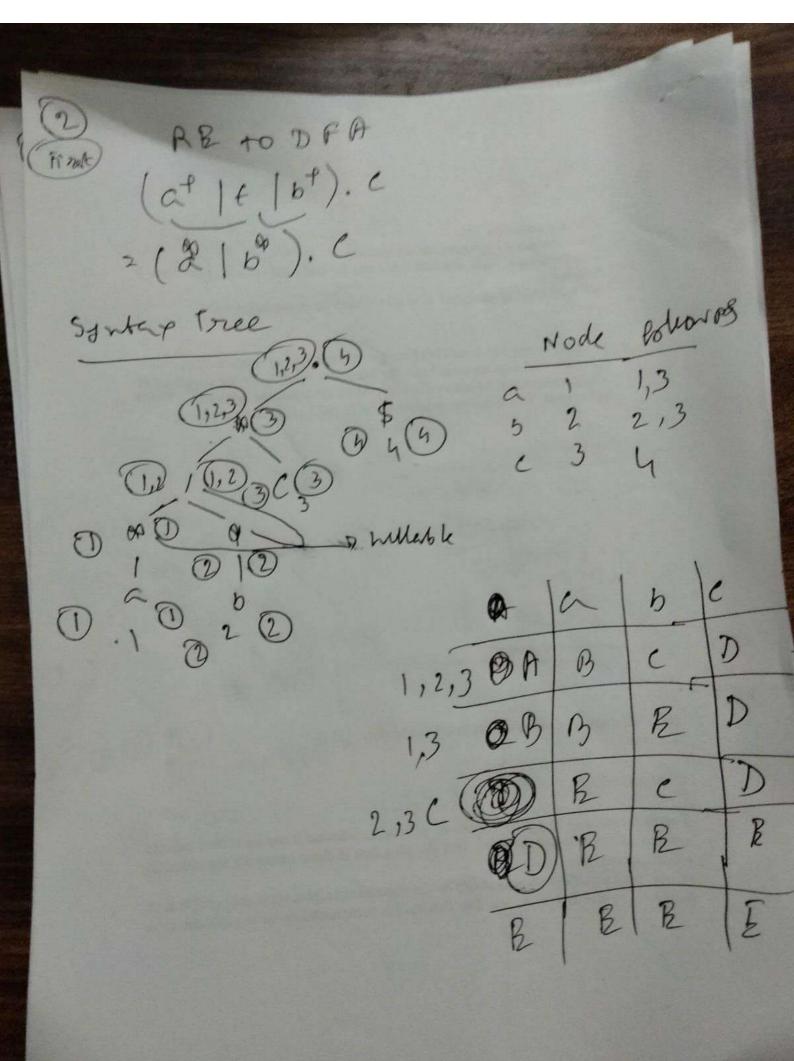
(b) No. of To Kens!

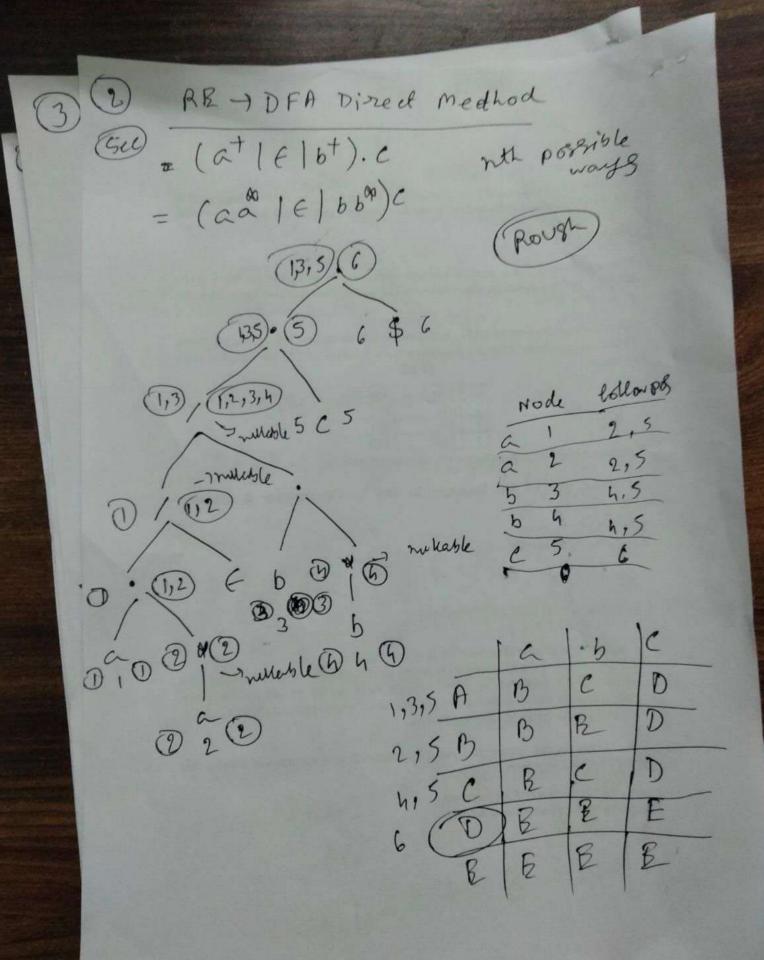
Print + (" 1. d Hai", 8x);

Shin cost op of id of derin

1 29 3 4 5 6 07 8

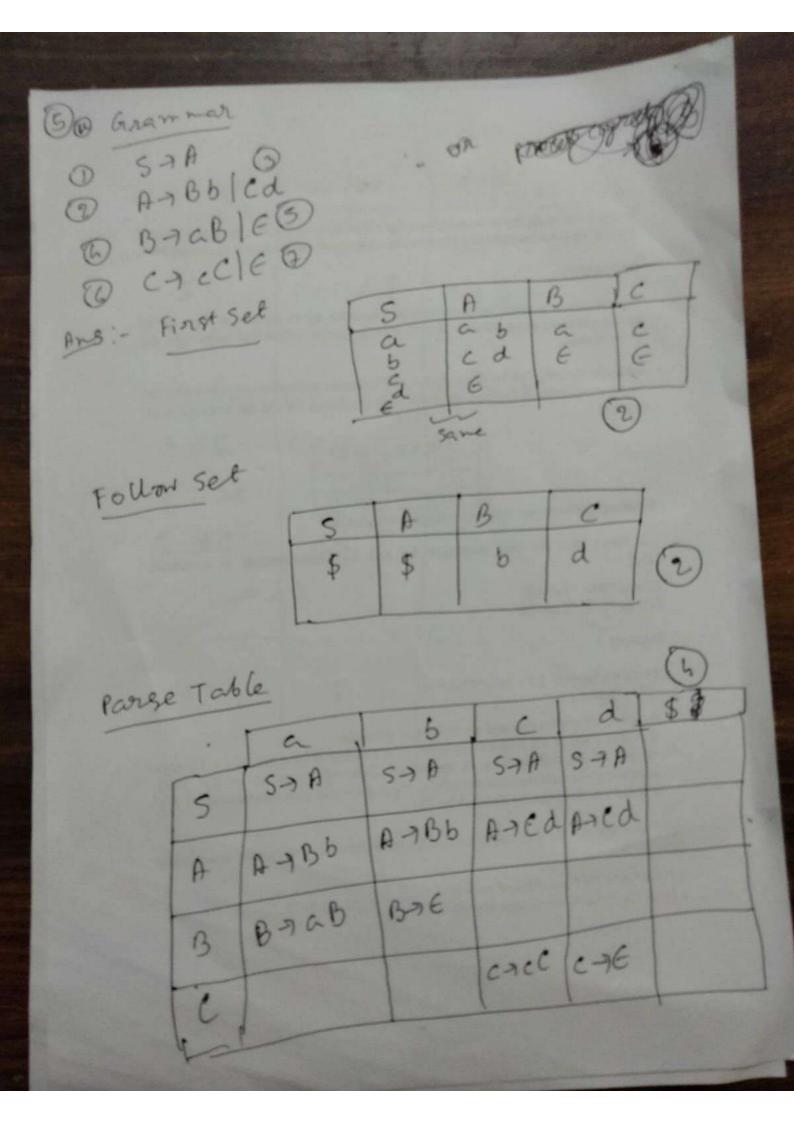
Johal: 8





Stat 7 it contrea start 1 it con then start else start S-ictSlictSeS/b What. lectors not possible varys
(one vary) prob Antisvas 8tht 7 metched onnatched wetched I ih con then natched eile natched Tother unnatched of it con mensont / it con then nakhed else un nakhed 尼于羊尼 | 千岁尼 | 户 (h) F7 F8 El constant if level descides
50, 8 > Hishest Priority # 8 and \$ 7 some Priority Type of Rewryion 7 Associativity Ly right son of and 8 -1 Right
Associative Ly left for & rest Assachhe

Expression > Expression & Term) Term Term of Term A Factor | Factor Factor 7 constant (Expression) Add Recursive Procedure for each production - Pecursive Recent Parser Reample Procedure Factor () If input-Symbols constant then Begon Advance () Else je input-symbolsi' fren Advance () it input-smbotz ()' then Call & () Advance () else Error () Elese E Rorol) onica by form, Expression



Imput	Rule	
cccd\$		
cecd\$	SAA	
cccd 8	AACA	
Kccd\$	ACACC	
ccd 8		
t ccd\$	( ) C + C (	
cd\$		
	2	)
\$	Þ	
	cccd\$ cccd\$ cccd\$ cccd\$ ccd\$ ccd\$ ccd\$	cccd\$ cccd\$ cccd\$ cccd\$ A+Cd cccd\$ Ac+CC ccd\$ ccd\$ ccd\$ cd\$

Accepted