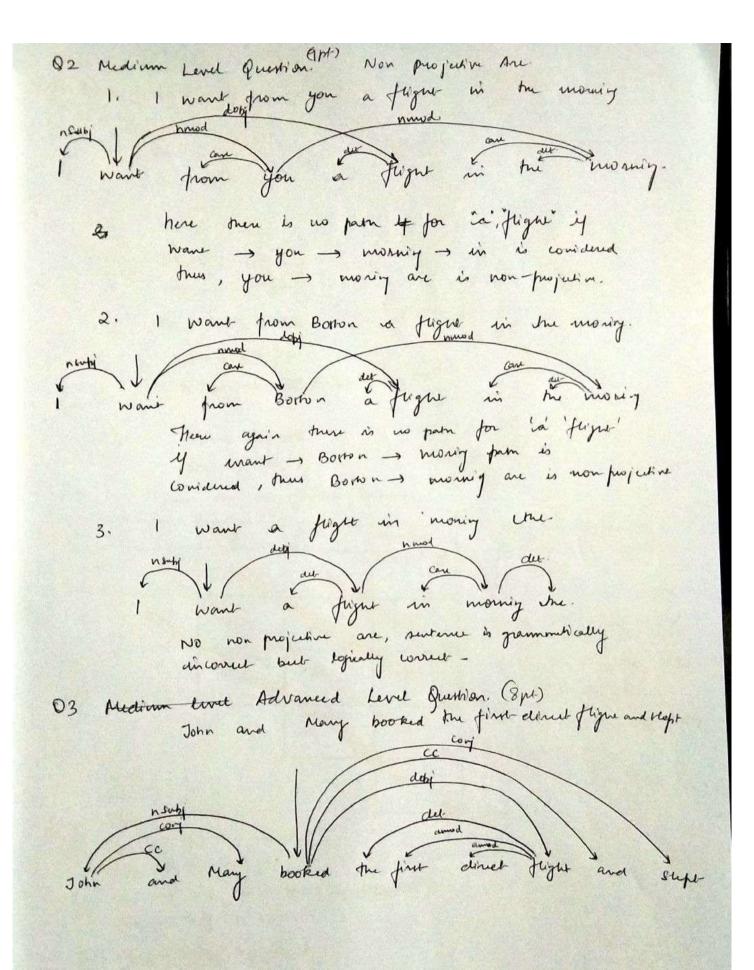
develope 4 is the most involved in respect to grammer at metre. See sure we see here N mod (Normal Modifue) being used 2. times along win it, it has me heighest make of longest parm (4) which took to 3, and it is projective at me same time.



Q1. Baric level question.

Production Rules S-> VPNP S-> VPNPPP

VP→ VIND
PP→ Prop NP
PP→ PP PP
NP→ Der Noum
NP→ NP PP
NP→ Det AP Noum

AP -> Adj AP AP -> Adj CNF Pulls.

S -> VPNP

S -> XIPP

XI -> VPNP

VP-> Verb

PP -> Prep NP

PP -> PP PP

NP -> Det Noum

NP -> NP PP

NP -> X2 Noum

X2 -> Det AP

AP -> Adj AP

AP -> Adj

Take	the	Big	yellow	banane.	
Verb VP->verb	- ner	7 200	, na	S→VP NP	
	DET	XL an	XL	NP	
		AP->Adj Adj	AP	20	
			AP-) Adj Adj	-	
				Noun	

Steps taken to file the Pour chart in dignoral Step 1 / Parul

- D No2→ No1 (12 → No
- D 713→ XIL 9L3 → YES
 X1 → DET AP
- BP → Adj AP
- (735 → ×34 ×45 → No

Step 2.

Step 2/Parm2

(5) 203 -> 201713 -> No.

203 -> 202723 -> No.

- (a) 14 → 12 124 → Hes (X2 → DETAP)

 NIH → 113 ×34 → NO
- Ø 215 → 213 235 → No 215 → 24 245 → No

In step 2 we fill nos ny nzs

Step 3/ Para 3

B 704 → 201 2/14 → No 202 244 → No

now -> 203 734 -> No.

@ ay → 1/2 ax → No 113 ×35 -> No 71,4 735 -> Yes (NP -> X2 Noum)

In Step 3 we would fix XOY, X15

105 -> 203 725 -> NO 105 -> 204 225 -> NO

In Step 4 we would fill xos Thus in four parses we arrive at S, only once.

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VP								201
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								NP
	DET	NP	TAN		NP			217
	2/r	713	પ 4	aks	716	Nn	212	
		Noun						
		aus	7124	7475	226		228	24
			111	*,35	""	727	728	7
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				Det	NP	-	-	Nb
				24	ગયુદ	વ્યક્ષ	448	749
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14 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	746 - 7468 - 7479 - 7403 - 7403	→ 756 76 → 7167 2. → 9176 7 → 701 7 → 702 7	$\begin{array}{c} 1 \rightarrow N0 \\ 5 \rightarrow N0 \\ 1 \rightarrow N0 \\ 1 \rightarrow N0 \\ 18 \rightarrow N0 \\ 19 \rightarrow V0 \\ 113 \rightarrow V0 \\ 114 \rightarrow V0 \\ 114$, u NP. 445 S-	DET NOW DET I			
14 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	744 - 746 - 768 - 703 - 703	→ 701 × → 7102 74 → 7102 74 → 7102 74	1 20 1 20 1 20 1 20 10 20	, u NP. 445 S-	→ DE7 1			
14 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	744 - 746 - 768 - 703 - 703	> 723 234 > 734 24 > 745 256 → 767 2 → 767 2 → 701 X → 702 7	1 20 1 20 1 20 1 20 10 20	, u NP. 445 S-	→ DE7 1			

- 10 x15 -> x24 x45 -> No
- 1 36 → 7 24 746 → 405 PP → Pup NP
- (B) 247 → X45 257 → No
- (4) 258 -> x 20 x 68 -> NO
- MGA -> X GT X79 -> YES PP-> Pup NP

Step 3

- (6) ×04→ ×01 ×14 → NO ×04→ ×02 ×24 → NO ×04→ ×03 ×34 → NO
 - (A) 115 → 112 725 → No 115 → 113 ×35 → No 115 → 114 ×45 → No.
- (1) 126→ x23 ×36 → NO 146 → x64 148 → NO x26 → ×25 ×56 → NO
- (A) 31→ 734 447 →No 2137 → 435 257 → No 2137 → 736 267 → No.
- 20 ×48 → 245 ×58 → No 248 → 246 ×69 → No 248 → 247 ×19 0→ No.
- Ø 159→ 456 969→ NO
 1159→ 757 779 → NO
 1159→ 1156 869 → NO

Step 4.

- AOF -> NO
- 3 14 → Yes
 - -NP NP PP
- and No
- B 438 NO
- (249 449 NP → NP PP

Step 5

(27) MOG -> XOIXIG S-> VP NP

(1) 117 → NO

29 ×28 → NO

139 N39 Xug - ty = PD - Prop NP M31 - X36 X67 - Y45 = PD - PD PP

3D 7

Step 6 (31) MOT -> NO

(32) × 18 - NO

(B) XEY -NO

Step 7

(34) 108 -> NO 119 -> Yes 119 -> 113 239 NP -> NP PP 119 -> X16 269 NP -> NP PP

Steps B) NOT -YU. S -> VP NP.

Thuy in 8 parses we arrive at 5 4 times.