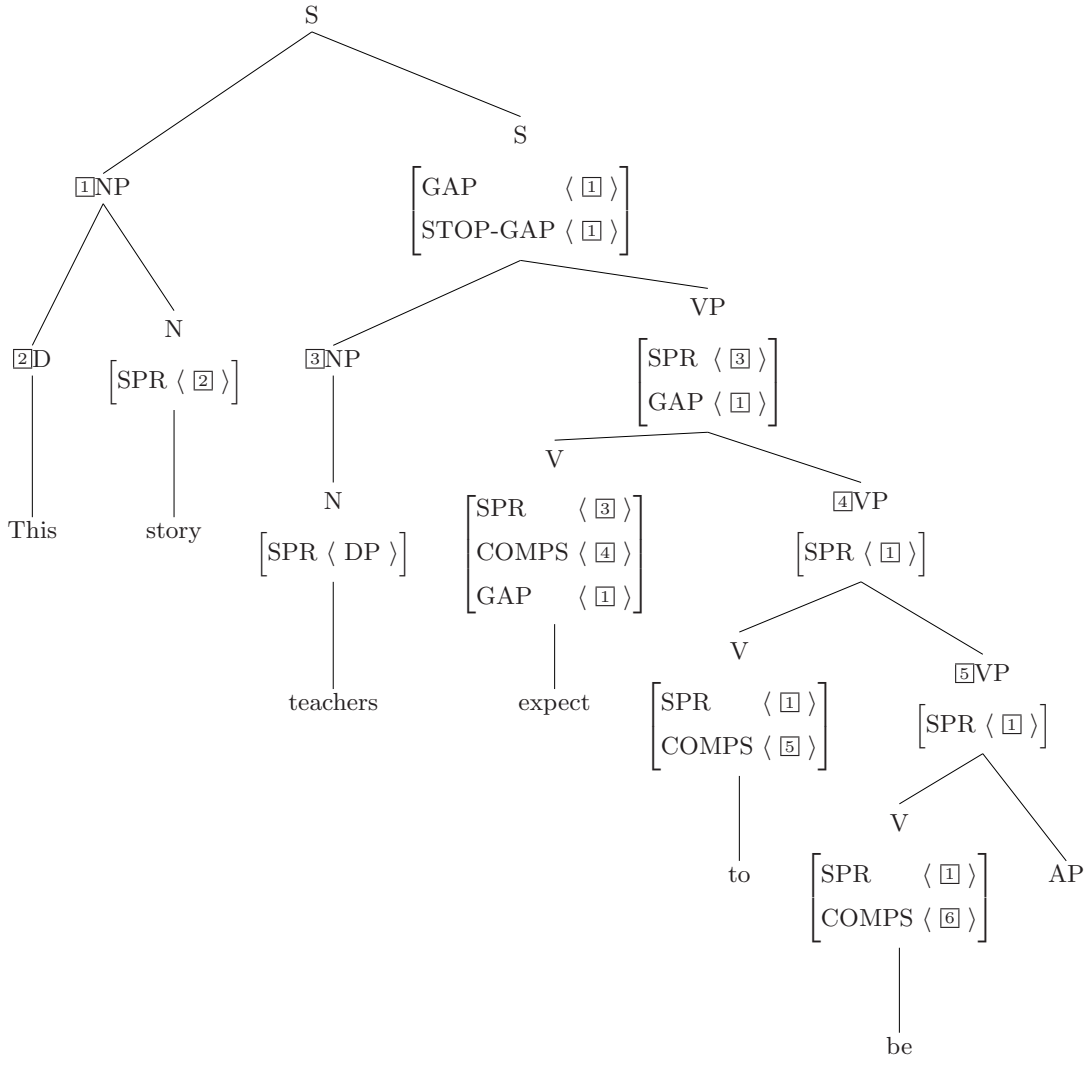
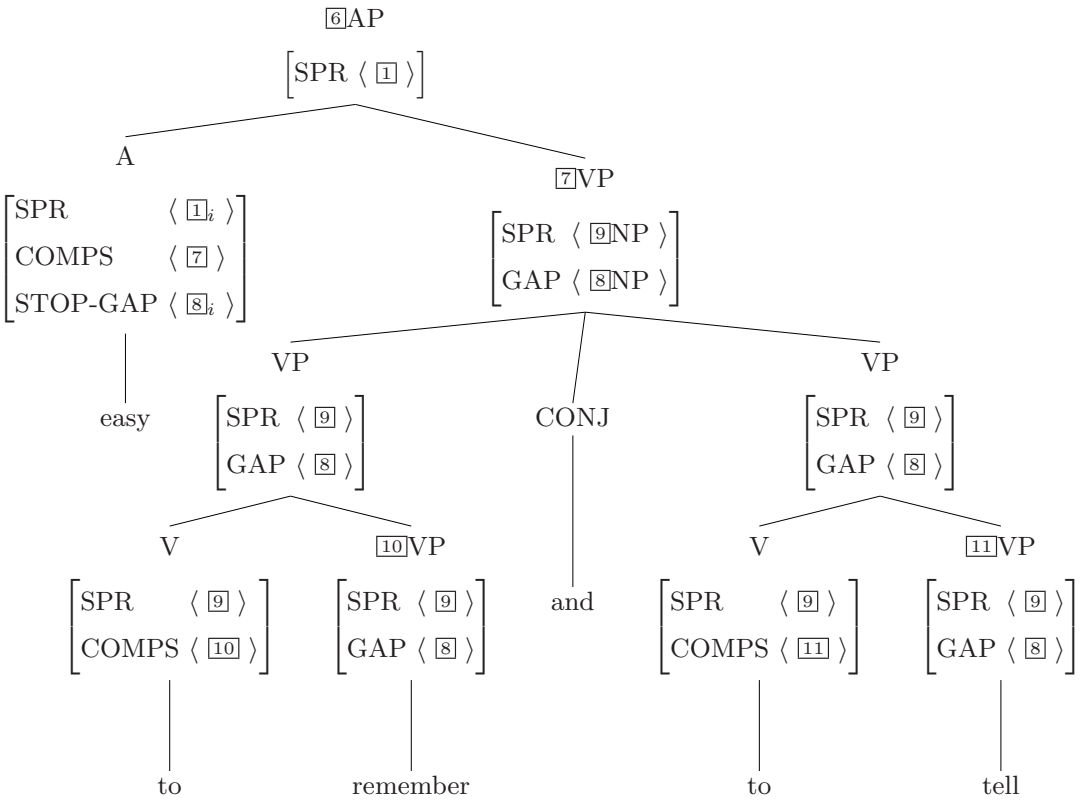
Ling 566
Final Exam
Autumn 2023

Part 1

A.

This story, teachers expect to be easy to remember and to tell.




6AP
SPR ⟨ 1 ⟩
A
7VP
SPR ⟨ 1i ⟩
COMPS ⟨ 7 ⟩
STOP-GAP ⟨ 8i ⟩
SPR ⟨ 9NP ⟩
GAP ⟨ 8NP ⟩
easy
VP
CONJ
VP
SPR ⟨ 9 ⟩
GAP ⟨ 8 ⟩
SPR ⟨ 9 ⟩
GAP ⟨ 8 ⟩
V
10VP
V
11VP
SPR ⟨ 9 ⟩
COMPS ⟨ 10 ⟩
SPR ⟨ 9 ⟩
GAP ⟨ 8 ⟩
and
SPR ⟨ 9 ⟩
COMPS ⟨ 11 ⟩
SPR ⟨ 9 ⟩
GAP ⟨ 8 ⟩
to
remember
to
tell

B.

Grammar entity	1st member of idetity	2nd member of identity
1. lex ent: *story*	INST value of the **story** predication	INDEX value of the N *story*
2. SIP	INDEX value of the N *story*	INDEX value of the NP *This story*
3. HFR	the NP *This story*	sole element of the GAP list of the S *teachers... tell.*
4. Gap P	GAP value of the S *teachers... tell.*	GAP value of the VP *expect... tell.*
5. Gap P	GAP value of the VP *expect... tell.*	GAP value of the V *expect*
6. ARP	sole element of the GAP value of V *expect*	second element of ARG-ST of V *expect*
7. lex ent: *expect*	second ARG-ST element of V *expect*	sole element of SPR of third ARG-ST element of V *expect*
8. ARP	third ARG-ST element of V *expect*	sole COMPS element of V *expect*
9. HCR	sole COMPS element of V *expect*	the VP *to be... tell.*
10. Val P	SPR of VP *to be... tell.*	SPR of V *to*
11. ARP	first ARG-ST element of V *to*	sole SPR element of V *to*
12. lex ent: *to*	first ARG-ST element of V *to*	sole SPR element of second ARG-ST element V *to*
13. ARP	second ARG-ST element of V *to*	sole COMPS element of V *to*
14. HCR	sole COMPS element of V *to*	the VP *be easy... tell.*
15. Val P	SPR of VP *be easy... tell.*	SPR of V *be*
16. ARP	first ARG-ST element of V *be*	sole SPR element of V *be*
17. lex ent: *be*	first ARG-ST element of V *be*	sole SPR element of second ARG-ST element V *be*
18. ARP	second ARG-ST element of V *be*	sole COMPS element of V *be*
19. HCR	sole COMPS element of V *be*	the AP *easy to remember and to tell.*
20. Val P	SPR of AP *easy to remember and to tell.*	SPR of A *easy*
21. ARP	first ARG-ST element of A *easy*	sole SPR element of A *easy*
22. lex ent: *easy*	first ARG-ST element of A *easy*	INDEX of first GAP element of second ARG-ST element A *easy*
23. ARP	second ARG-ST element of A *easy*	sole COMPS element of A *easy*
24. HCR	sole COMPS element of A *easy*	the VP *to remember and to tell.*
25. Coord R	GAP value of VP *to remember and to tell.*	GAP value of VP *to remember*
26. Gap P	GAP value of VP *to remember*	GAP value of V *remember*
27. ARP	sole GAP element of V *remember*	second ARG-ST element of V *remember*
28. lex ent: *remember*	INDEX of second ARG-ST element of V *remember*	REMEMBERD value of **remember** predication of V *remember*

2.

There are actually two analyses for this sentence admitted by the grammar. One in which *it* in *it didn't* is the ordinary referential *it*, and one in which it's the expletive *it*. However, even on the second analysis, given our grammar, it can't be the case that *didn't* undergoes the Extraposition Lexical Rule, because that is a *pi-rule* where the Ellipsis Lexical Rule is a *d-rule*. In other words, if *didn't* were licensed by the output of the Extraposition Lexical Rule, we'd see an overt CP complement! Still, either *it* is admissible, because *didn't* places no constraints on its SPR — only that it be shared with the COMPS's SPR. But that complement is missing.

A.

Noone	Constant Lexeme LR
believed	Past Tense Verb LR
that	Constant Lexeme LR
it	Constant Lexeme LR
would	3rd Singular Present Tense Verb LR
astonish	Base Form Verb LR
	Extraposition LR
Pat	Constant Lexeme LR
that	Constant Lexeme LR
Sandy	Constant Lexeme LR
arrived,	Past Tense Verb LR
and	Constant Lexeme LR
it	Constant Lexeme LR
didn't.	Ellipsis LR
	Past Tense Verb LR
	Contraction LR

B.

$$\left\langle \text{didn't}, \left[\begin{array}{ll} \textit{word} & \\ \text{SYN} & \left[\begin{array}{ll} \text{HEAD} & \left[\begin{array}{ll} \textit{verb} & \\ \text{AGR} & \boxed{1} \\ \text{PRED} & - \\ \text{INF} & - \\ \text{AUX} & + \\ \text{POL} & + \\ \text{FORM} & \text{fin} \end{array}\right] \\ \text{VAL} & \left[\begin{array}{ll} \text{MOD} & \langle\,\rangle \\ \text{SPR} & \left\langle \boxed{2} \left[\text{SYN} \left[\begin{array}{ll} \text{HEAD} & \left[\begin{array}{ll} \textit{nominal} & \\ \text{CASE} & \text{nom} \\ \text{AGR} & \boxed{1} \end{array}\right] \\ \text{VAL} & \left[\begin{array}{ll} \text{SPR} & \langle\,\rangle \\ \text{COMPS} & \langle\,\rangle \end{array}\right] \end{array}\right]\right] \right\rangle \\ \text{COMPS} & \langle\,\rangle \end{array}\right] \\ \text{GAP} & \langle\,\rangle \\ \text{STOP-GAP} & \langle\,\rangle \end{array}\right] \\ \text{ARG-ST} & \langle\,\boxed{2}\,\rangle \\ \text{SEM} & \left[\begin{array}{ll} \text{MODE} & \text{prop} \\ \text{INDEX} & s_2 \\ \text{RESTR} & \left\langle \left[\begin{array}{ll} \text{RELN} & \textbf{not} \\ \text{SIT} & s_2 \\ \text{ARG} & s_1 \end{array}\right], \ldots \right\rangle \end{array}\right] \end{array}\right] \right\rangle$$