Syntax and Semantics Exam

NAME

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Symbol Cheat Sheet

Comment	Symbol
Not	$\neg$
Not less than	$\nless$
Not greater than	$\ngtr$
Not less than	$\leq$
Not less than	$\geq$
Not equal	$\neq$
Similar	$\sim$
Similar or equal	$\simeq$
Approx	$\approx$
Subset	$\subset$
Not subset	$\not\subset$
Subset Equal	$\subseteq$
Not Subset Equal	$\nsubseteq$
Bum	$\vdash$
Is member of	$\in$
Is not member of	$\notin$
Times	$\cdot \times$
Empty set	$\emptyset$
Nothing	$\varnothing$
Number Sets	$\mathbb{N} \ \mathbb{Z} \ \mathbb{Q} \ \mathbb{R}$
Union/Intersect	$\cup \cap$
Logical and/or	$\vee \wedge$
For all/ Exists	$\forall \ \exists$
Segment	$\overline{AB}$
Angle Brackets	$\langle \ \rangle$
Maps to	$\mapsto \ \longmapsto$
Arrows	$\rightarrow \ \leftarrow \ \longrightarrow \ \Rightarrow$
Epsilon	$\epsilon \ \varepsilon$
Sigma	Σ
delta	δ
Gamma	Γ

Syntax
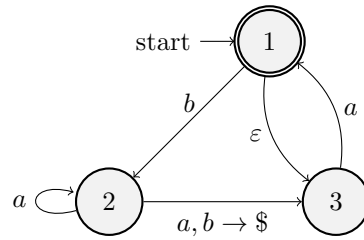

Figure 1: Caption of the Figure
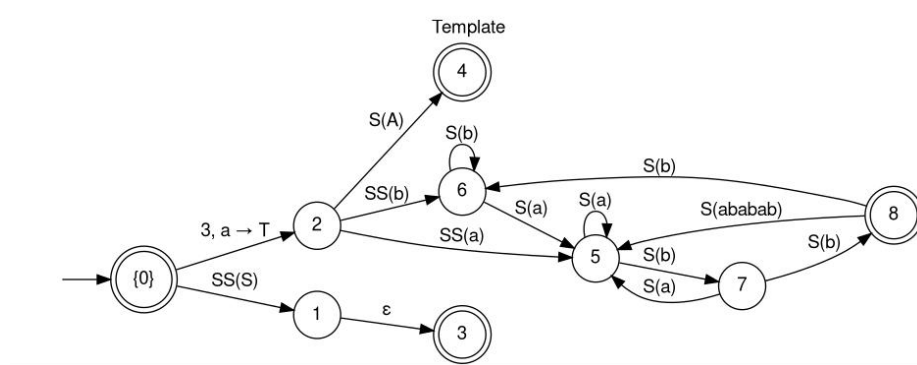
Figure 2: Caption of Figure

Semantics

$$[TEMP_{BSS}] \quad lorem \vdash \langle ipsum \rangle \rightarrow yes$$
$$\text{where } something$$
$$\text{and } lol$$

$$[OTHER_{BSS}] \quad \frac{something}{something}$$
$$\text{if } lol$$

Equation 1: Caption of Equation

Other equation:

$$[lol\text{-}lol_{EXP}] \quad \frac{hey \rightarrow yo \quad a2 \rightarrow v2}{heyo} \quad \text{where } dean \tag{2}$$

Question 1

A

B

Question 2

Question 3

Question 4