Quistim 31
 autconets, as rill as the conp ditional prislem tut con
 -4e a a sute sit of state
$\Rightarrow$ そ wa funtext of gistio
$\Rightarrow q_{0}$ on ta trement stat sture
Question 32
 D hay of tui stay of 3

$$
\text { (A) } \xrightarrow[\Delta]{\rightarrow} \text { (B) }
$$

4) Alapts in-string y 3 consecthe 53

$$
\begin{equation*}
A, b(B) b \tag{D}
\end{equation*}
$$



$$
\rightarrow \infty \rightarrow D^{b}(B) \rightarrow()^{2,}
$$

2) trarestion lacte pr"


Questive 34
DFA thet rocupts a largnaye wer 1. all strugs $\{0,1\}$ piti and an 100

ii) all strigs $\{a, b\}$ tist contans the strong badc


Givest wor 35
DF A accipting the langnige of strugs for $\left\{\begin{array}{c}\text { Dis }\end{array} 3\right.$ end


Question 36
$4=$ st of stangs over ( $a, 1$ budung om be

$$
(A) \xrightarrow{b} A^{b} \rightarrow \text { (C) }
$$



Quastion 37
DFA for allect g strings over \{a, b\} such tuat D) We string intans ay $2=$

$$
(A) \xrightarrow{2 b} \rightarrow(C) \rightarrow(B)^{D^{2}}
$$

$$
\text { (i) } \begin{aligned}
w \in\{a, b\}|(w)| & =\bmod \} \\
\rightarrow \text { (ha } & \rightarrow \text { (B) }
\end{aligned}
$$

is $w \in\{a, b\}||\omega|=1 \bmod 2$

$$
\rightarrow(A) \rightarrow(B) \xrightarrow{n \rightarrow}\left(C^{Q^{2}, 6}\right.
$$

w) Length of string $x$ at must 2

$$
\text { ength of ithy riat mot } 2
$$

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$$
\text { Whestimo } 35
$$

35) DFA tent acopts a largnage overall shong $\{0,1\}$
36) ltod begins unth il)


uilhat contaw io I

