

## Question 6

$u$  only if  $(b_{32}$  and  $g_1$  and  $r_1$  and  $h_{16})$  or  $(b_{64}$  and  $g_2$  and  $r_2$  and  $h_{32})$

$$u \rightarrow ((b_{32} \wedge g_1 \wedge r_1 \wedge h_{16}) \vee (b_{64} \wedge g_2 \wedge r_2 \wedge h_{32}))$$