6.20 $\overline{00\overline{5}\,\overline{1}\,\overline{1}}\,1$

Pairing 4 box - Subcase of 6.19.

6.19.

$\boxed{\cap\,\cap\,\cap}$
$0\;1\;1\;0\;0\;1$
$\triangle\;\triangle\;\triangle$

Consider the following cases

① $\triangle \geq \triangle \geq \triangle$

(By symmetry $\triangle \geq \triangle \geq \triangle$

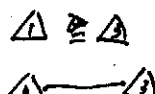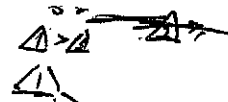$\triangle > \triangle$

A.Sym   A.Sym   A.Sym

$3 \times 2 = 6$

② $\triangle \geq \triangle \geq \triangle$

By sym, $\triangle \geq \triangle \geq \triangle$ or $\triangle \geq \triangle \geq \triangle$)

$\triangle \geq \triangle$
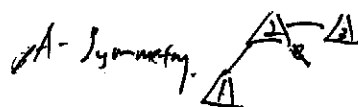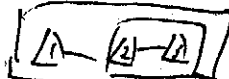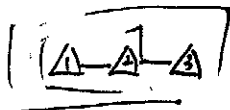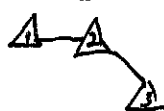

A.Sym.   A.Sym.

$2 \times 2 = 4$

③ $\triangle \geq \triangle \geq \triangle$ and (by symmetry $\triangle \geq \triangle \geq \triangle$)

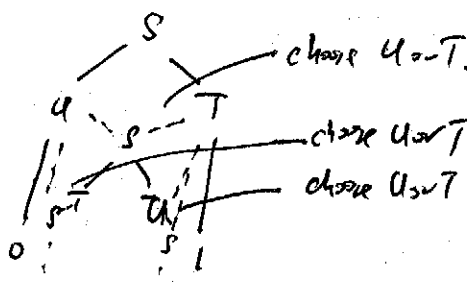$\triangle > \triangle$ $\triangle = \triangle$

A - Symmetry.

5 cases

$6 + 4 + 5 = 15$ cases.

$\boxed{0\;1\;1\;0\;0\;1}$ 4 cases.

choose $U \sim T$.   2 cases

choose $U \sim T$

choose $U \sim T$ $2 \times 2 = 4$.