$$A = \{2,5\}$$

$$B = \{1,4\}$$

$$C = \{9,7,6,8,10,2\}$$

$$A = \{7,6,9,10\}$$

$$(A \circ B)^{c} = 3,6,7,8,9,10$$

 $\Delta^{c} = 1,2,3,4,5,8$
 $C^{c} = 1,3,5,5$

$$(Bnc)^{c} = D$$
 $D = D$ $A^{c} = D$ $A^{c} = D$

4)
$$C = 1, 3, 4, 5$$

 $D = 1, 2, 3, 4, 5, 8$

$$\begin{array}{ccc} C^{c} \Delta \Delta^{c} = 2,8 \\ (C^{c} \Delta \Delta^{c}) \Lambda B = \emptyset \\ - (C^{c} \Delta \Delta^{c}) \Lambda B)^{c} = \Omega \end{array}$$

5)
$$(AACAB) \cap B = \emptyset$$
 $A = \{2,5\}$
 $C = \{2,6,7,8,9,10\}$
 $A = \{6,4,9,10\}$
 A

4 - FALSE