

จงออกแบบวงจรลอจิกเกิดด้วยสมการต่อไปนี้

$$1. Y = B.\bar{A} + \bar{B}.A + A.B + \bar{A}.\bar{B}$$

$$2. Y = \bar{B}.(\bar{A} + B).(\bar{A} + C)$$

$$3. Y = \bar{A}.B + A.\bar{B}$$

$$4. Y = \overline{A.\bar{B} + \bar{A} + B}$$

$$5. Y = \bar{A}.\bar{B}C + \bar{A}.B.\bar{C} + A.\bar{B} + A.B.C + \bar{C}$$

$$6. Y = (A + B).(A + \bar{A}.B).C + \overline{\bar{A}.(B + \bar{C})} + \bar{A}.B + A.B.C$$

$$7. Y = \overline{\bar{A}.(B + \bar{C})} + \overline{A.\bar{B}} + A.B.C$$

$$8. Y = \overline{A\bar{B}C.AB.\bar{A}\bar{B}\bar{C}.A\bar{C}.AB\bar{C}}$$

$$9. Y = \overline{\bar{A}B + A\bar{B}.\bar{A}\bar{B}\bar{C}\bar{D}.\bar{D}\bar{C}A.ABCD}$$

$$10. Y = AB + \bar{A}\bar{B} + CD + \bar{A}\bar{B}\bar{C}\bar{D} + \overline{\overline{AB\bar{C}\bar{D}}} + \overline{\overline{A\bar{B}CD}}$$

Good Luck...