На элементах "И", "ИЛИ", "НЕ", "И-НЕ" и "ИЛИ-НЕ" реализуйте логическую схему, согласно приведенной функции.

Распределение вариантов:

1. [F(A,B,C)= \overline{A+B+\overline C} + A\cdot B\cdot C \cdot (\overline {\overline A+B})](http://cdo.rsreu.ru/filter/tex/displaytex.php?texexp=F%28A%2CB%2CC%29%3D%20%5Coverline%7BA%2BB%2B%5Coverline%20C%7D%20%2B%20A%5Ccdot%20B%5Ccdot%20C%20%5Ccdot%20%28%5Coverline%20%7B%5Coverline%20A%2BB%7D%29);
2. [F(A,B,C)= \overline{A+\overline B+\overline C} \cdot (A\cdot B\cdot C) + (\overline {A+B})](http://cdo.rsreu.ru/filter/tex/displaytex.php?texexp=F%28A%2CB%2CC%29%3D%20%5Coverline%7BA%2B%5Coverline%20B%2B%5Coverline%20C%7D%20%5Ccdot%20%28A%5Ccdot%20B%5Ccdot%20C%29%20%2B%20%28%5Coverline%20%7BA%2BB%7D%29);
3. [F(A,B,C)=(\overline A+\overline B+\overline C) \cdot (\overline A\cdot B\cdot C) + (\overline {\overline C+A}})](http://cdo.rsreu.ru/filter/tex/displaytex.php?texexp=F%28A%2CB%2CC%29%3D%28%5Coverline%20A%2B%5Coverline%20B%2B%5Coverline%20C%29%20%5Ccdot%20%28%5Coverline%20A%5Ccdot%20B%5Ccdot%20C%29%20%2B%20%28%5Coverline%20%7B%5Coverline%20C%2BA%7D%7D%29);
4. [F(A,B,C)=(\overline {(A+\overline B+\overline C)\cdot  \overline A\cdot B\cdot C} + (\overline {\overline B+A}})](http://cdo.rsreu.ru/filter/tex/displaytex.php?texexp=F%28A%2CB%2CC%29%3D%28%5Coverline%20%7B%28A%2B%5Coverline%20B%2B%5Coverline%20C%29%5Ccdot%20%C2%A0%5Coverline%20A%5Ccdot%20B%5Ccdot%20C%7D%20%2B%20%28%5Coverline%20%7B%5Coverline%20B%2BA%7D%7D%29);
5. [F(A,B,C)=(\overline {A+\overline B}+\overline C) \cdot (\overline C\cdot B\cdot A) + (\overline {\overline B+A+C}})](http://cdo.rsreu.ru/filter/tex/displaytex.php?texexp=F%28A%2CB%2CC%29%3D%28%5Coverline%20%7BA%2B%5Coverline%20B%7D%2B%5Coverline%20C%29%20%5Ccdot%20%28%5Coverline%20C%5Ccdot%20B%5Ccdot%20A%29%20%2B%20%28%5Coverline%20%7B%5Coverline%20B%2BA%2BC%7D%7D%29);
6. [F(A,B,C)=(\overline {B+\overline C}+\overline A) \cdot (\overline B\cdot (B+ A) + (\overline {\overline A+A+C}})](http://cdo.rsreu.ru/filter/tex/displaytex.php?texexp=F%28A%2CB%2CC%29%3D%28%5Coverline%20%7BB%2B%5Coverline%20C%7D%2B%5Coverline%20A%29%20%5Ccdot%20%28%5Coverline%20B%5Ccdot%20%28B%2B%20A%29%20%2B%20%28%5Coverline%20%7B%5Coverline%20A%2BA%2BC%7D%7D%29);
7. [F(A,B,C)=(\overline {B+\overline {C\cdot A}}+\overline C) \cdot (\overline A\cdot (C+ A) + (\overline {\overline A+B+C}})](http://cdo.rsreu.ru/filter/tex/displaytex.php?texexp=F%28A%2CB%2CC%29%3D%28%5Coverline%20%7BB%2B%5Coverline%20%7BC%5Ccdot%20A%7D%7D%2B%5Coverline%20C%29%20%5Ccdot%20%28%5Coverline%20A%5Ccdot%20%28C%2B%20A%29%20%2B%20%28%5Coverline%20%7B%5Coverline%20A%2BB%2BC%7D%7D%29);
8. [F(A,B,C)=\overline B+\overline {C\cdot (A+B)}+\overline {C \cdot (\overline A\cdot (\overline C+ B)} + (\overline {A+B+C}})](http://cdo.rsreu.ru/filter/tex/displaytex.php?texexp=F%28A%2CB%2CC%29%3D%5Coverline%20B%2B%5Coverline%20%7BC%5Ccdot%20%28A%2BB%29%7D%2B%5Coverline%20%7BC%20%5Ccdot%20%28%5Coverline%20A%5Ccdot%20%28%5Coverline%20C%2B%20B%29%7D%20%2B%20%28%5Coverline%20%7BA%2BB%2BC%7D%7D%29);
9. [F(A,B,C)=\overline {C+B}+\overline {C\cdot (A+\overline A)}+\overline {B \cdot  A\cdot (\overline A+ B)} + (\overline {A+C}})](http://cdo.rsreu.ru/filter/tex/displaytex.php?texexp=F%28A%2CB%2CC%29%3D%5Coverline%20%7BC%2BB%7D%2B%5Coverline%20%7BC%5Ccdot%20%28A%2B%5Coverline%20A%29%7D%2B%5Coverline%20%7BB%20%5Ccdot%20%C2%A0A%5Ccdot%20%28%5Coverline%20A%2B%20B%29%7D%20%2B%20%28%5Coverline%20%7BA%2BC%7D%7D%29);
10. [F(A,B,C)=\overline A+\overline {C+B}+\overline C\cdot (A+\overline B)+\overline B \cdot  A\cdot (\overline A+ C)} + (\overline {A+B}})](http://cdo.rsreu.ru/filter/tex/displaytex.php?texexp=F%28A%2CB%2CC%29%3D%5Coverline%20A%2B%5Coverline%20%7BC%2BB%7D%2B%5Coverline%20C%5Ccdot%20%28A%2B%5Coverline%20B%29%2B%5Coverline%20B%20%5Ccdot%20%C2%A0A%5Ccdot%20%28%5Coverline%20A%2B%20C%29%7D%20%2B%20%28%5Coverline%20%7BA%2BB%7D%7D%29).