Mode-2 Expressions:

Predicate Size =7

1. Expression: a&b|(c|d)&(e&g|f&!c)

Test cases: 125, 61, 93, 77, 79, 71, 95, 91, 76

1. Expression: !a|(b&c&d)&(e|f&!c&d)&g|!(b&e)|f

Test cases: 124, 60, 92, 125, 109, 117, 120, 126

1. Expression: a&(!b|!c)&d|e&(a|c|f)&(a|c|!g)

Test cases: 111, 47, 123, 91, 107, 99, 127, 46, 44

1. Expression: a|(b|c|d&!e)&(f&!c)|(g|d)|e

Test cases: 114, 50, 34, 2, 58, 54, 32, 51

1. Expression: !a&(b|c|d)&(e|f&!c)|!(b&e)&(a|f|g)

Test cases: 127, 63, 95, 20, 4, 12, 123, 56, 57, 58

1. Expression: (!a&b)|(!c|d)&(e&!c)|(a|d)|!e&!f|g

Test cases: 86, 22, 54, 6, 30, 20, 18, 23

1. Expression: !a&(b|c|!d)&(e|f|f&!g)|!(b&e)&(c|f)|g

Test cases: 126, 62, 94, 120, 104, 12, 4, 122, 106, 127

1. a|(!b|c|!d)&(d|!e|f|f&!a)|!(b&e)&(c|f)|!a&(!c|!e|!g)

Test cases: 117, 53, 21, 37, 61, 49, 55, 52

1. (a|!b|c)&d|(e|f&!a)|!(b&f)&(c|f)&(!c|!e)|a|!g

Test cases: 105, 41, 9, 57, 1, 45, 43, 40

1. (!a&b)|(c|!d)&(!e&!c)|(a|d)|!e&!c|f&!g

Test cases: 88, 23, 55, 19, 3, 31, 7, 22, 20