Mode-2 Expressions:

Predicate Size =5

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

Test cases: 31, 15, 27, 19, 29, 25, 31, 24

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

Test cases: 26, 10, 18, 30, 24, 27

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

Test cases: 27, 11, 30, 22, 26, 24, 31

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

Test cases: 27, 11, 10, 2, 15, 6

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

Test cases: 31, 15, 23, 14, 10, 3, 30, 1

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

Test cases: 19, 3, 11, 7, 0, 1, 2

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

Test cases: 15, 23, 24, 25, 26, 27, 31

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

Test cases: 13, 21, 24, 25, 28, 29, 31

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

Test cases: 1, 16, 17, 18, 19, 20, 24

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

Test cases: 0, 1, 2, 4, 8, 16