Condition Testing

For each of the Boolean expressions complete the table by measuring Decision and Condition Coverage for the first three test sets and design a fourth test set that achieves the specified levels of coverage.

1.	Test Set	A and B and C			Decision Outcome	Decision Coverage	Condition Coverage
	4	Т	Т	Т	Т		
	I	F	F	F	F		
	2	Т	F	Т	F		
	2	F	Т	F	F		
	S	F	Т	Т	F		
	5	Т	Т	Т	Т		
	4					1/2	5/6

2.

Test Set	A an	d (B d	or C)		Decision Coverage	
1	Т	F	F	F		
'	Т	Т	F	Т		
2	Т	Т	F	Т		
2	F	F	Т	F		
2	Т	F	F	F		
3	F	Т	Т	F		
4					1/2	5/6
4					1/2	5/0

Condition Testing

Note that the solution for the fourth test set under each Boolean expression (that has been designed to achieve the specified levels of coverage) is not the only correct answer (so your answer could differ from that given here).

1.	Test Set	A and B and C				Decision Coverage	
	1	T F	T T T F F F		T F	2/2	6/6
	2	T F	F T	T F	F F	1/2	6/6
	3	F T	T T	T T	F T	2/2	4/6
	4	F T	F F	T F	F	1/2	5/6

2.	Test Set	A	d (B d			Decision			
	Set	A all	и (в с	51 ()	Outcome	Coverage	Coverage		
	1	Т	F	F	F	2/2	4/6		
		Т	Т	F	Т	212	4/0		
	0	Т	Т	F	Т	2/2	6/6		
	2	F	F	Т	F	212	0/0		
	3	Т	F	F	F	1/2	6/6		
		F	Т	Т	F	1/2	0/0		
	4	F	F	F	F	1/2	5/6		
	4	F	Т	Т	F	1/2	5/6		