Q6. SET(C)

a) Please mention at least four applications and four attack vectors from Management A&S category in Intelligent Transport systems.

b) In the given Permuted Table what would be output bits for highlighted four entries (1,3,5,7) in the table?

PC-1

7	9	1	3	5	7	9
1	58	50	42	34	26	18
10	2	59	51	43	35	27
19	11	3	60	52	44	36
63	55	47	39	31	23	15
7	62	54	46	38	30	22
14	6	61	53	45	37	29
21	13	5	28	20	12	4

K = 00010011 00110100 01010111 01111001 10011011 10111100 11011111 11110001

[4+2=6 marks]

****