Q6. SET(A)

a) Please mention at least four applications and four attack vectors from Roadway reporting category in Intelligent Transport systems.

b) In the given Permuted Table what would be output bits for highlighted four entries (7,9,1,3) in the table?

PC-1

7	9	1	3	25	17	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]