CATEGORY	PARAMETER	VALUE (CODE 0)	VALUE (CODE 1)	VALUE (CODE 2)	VALUE (CODE 3)
LASER	Energy	160	300	100	150
	PRF	20	40	100	30
TELESCOPE	Primary lens diameter	0,2032	0,5	0,4	0,3
ELASTIC CHANNEL	PHOTODIODE, Multiplication factor	150	150	400	150
	PHOTODIODE, Excess-noise factor	4,5	4,5	4,5	4,5
RAMAN CHANNEL	INTERFERENCE FILTER, bandwidth	3	0,5	3	3
	PMT, Multiplication factor	3,00E+06	3,00E+06	3,00E+06	1,00E+06
	Anode dark current	1	1	1	1
	Anode radiant sensitivity	3,00E+04	3,00E+04	6,00E+04	3,00E+04
ATMOSPHERE	Visibility margin	39,12	3,912	39,12	3,912
	Lidar ratio, SM	25	25	25	25
	Boundary-layer height	3	3	3	3
	System operation (question 2)	night-time	day-time	day-time	night-time

NOTE: **You will be assigned a CODE NO. to solve this problem**

VALUE (CODE 4)	VALUE (CODE 5)	VALUE (CODE 6)	VALUE (CODE 7)	VALUE (CODE 8)	VALUE (CODE 9)	VALUE (CODE 10)
300	150	100	50	300	50	200
20	30	100	100	20	100	20
0,4	0,3	0,4	0,3	0,5	0,3	0,3
300	150	150	400	400	400	400
4,5	4,5	4,5	4,5	6	4,5	6
10	3	0,5	0,5	1	3	3
3,00E+06	1,00E+06	3,00E+06	3,00E+06	3,00E+06	3,00E+06	3,00E+06
5	1	1	0,1	1	1	1
3,00E+04	3,00E+04	3,00E+04	3,00E+04	3,00E+04	3,00E+04	3,00E+04
39,12	3,912	39,12	39,12	3,912	39,12	3,912
25	25	25	50	25	25	25
3	3	2	3	3	2	2
day-time	night-time	night-time	night-time	night-time	day-time	night-time

VALUE (CODE 11)	VALUE (CODE 12)	UNITS
500	150	mJ
10	20	Hz
0,5	0,2	m
400	150	no units
4,5	4,5	no units
0,5	3	nm
3,00E+06	3,00E+06	no units
0,5	1	nA
3,00E+04	3,00E+04	A/W
3,912	39,12	km
50	25	sr
3	3	km
night-time	night-time	