

CSE 1003Digital Logic
& DesignQUIZ-1

Q) Formulate a weighted binary code... 6 3 1 1
Identify whether it is self complementary code or not.

	6	3	1	1
0	0	0	0	0
1	0	0	0	1
2	0	0	1	1
3	0	1	0	0
4	0	1	0	1
5	0	1	1	0
6	1	0	0	0
7	1	0	0	1
8	1	0	1	1
9	1	1	0	0

∴ The 6 3 1 1 weighted code is not self complementary.

Q)

72532 - 4350 using 9's

ans) 9's of 04350

95649

add with 72532

$$\begin{array}{r} 95649 \\ + 72532 \\ \hline 168181 \end{array}$$

= 68182 Ans.