

16

FRIDAY

DECEMBER

351-015 • wk. 51

2016

Appointment / Meeting

WEEK-1 / PROBLEM-7

09:00

$$H(z) = (1 + 2z^{-1} - z^{-2}) (1 + z^{-1} - z^{-2})$$

10:00

$$H_1(z)$$

$$H_2(z)$$

11:00

$$H_1(z) = 1 + 2z^{-1} - z^{-2}$$

12:00

$$\Rightarrow Y_1(z) = X_1(z) + 2z^{-1}X_1(z) - z^{-2}X_1(z) \quad \text{--- (1)}$$

13:00

$$\Rightarrow y_1(n) = x_1(n) + 2x_1(n-1) - x_1(n-2)$$

14:00

$$H_2(z) = 1 + z^{-1} - z^{-2}$$

15:00

$$\Rightarrow Y_2(z) = X_2(z) + z^{-1}X_2(z) - z^{-2}X_2(z) \quad \text{--- (2)}$$

16:00

$$\Rightarrow y_2(n) = x_2(n) + x_2(n-1) - x_2(n-2)$$

17:00

18:00

19:00



2016

DEC

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S