

ASSIGNMENT - 2

1. Explain the various functions of production planning and control.
2. What is P.P.C.? Give the major objectives of the same.
3. Explain Economic order quantity.
4. What is line of balancing ?discuss in detail assembly line balancingtaking suitable example .
- 5.

Forecast the demand for the following series by exponential smoothing method. (take $\alpha = 0.3$)

Period	1	2	3	4	5	6	7	8	9	10
Actual demand	10	12	8	11	9	10	15	14	16	15

OR

The process time for five jobs and due dare(days) of the jobs are given in following table.

Jobs	1	2	3	4	5
Process Time (Days)	3	6	9	5	7
Due dare (days)	6	20	30	12	25

Jobs may be sequence according to following rules

1. Minimum process time
2. First come first served
3. Due dare (days)

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The demand for a product during the last 10 years is given below. Estimate the demand for the next two years by the method of regression.

Year	1	2	3	4	5	6	7	8	9	10
Units	124	135	145	150	167	157	161	170	187	168