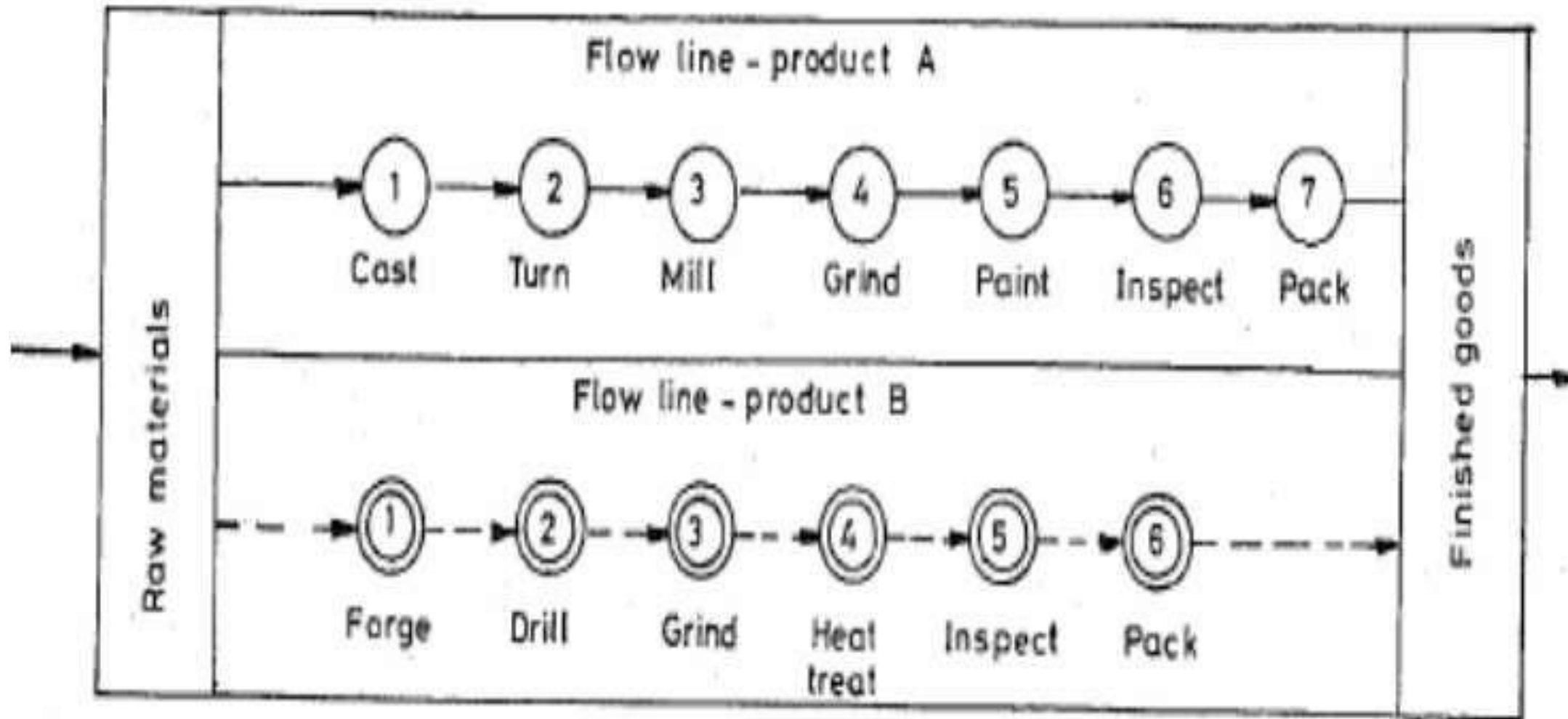


PLANT LOCATION AND LAYOUT



Factors affecting plant location



— Product A

- - - Product B

Figure II: (a) Product Layout

Job Production (characteristics)

When **JOB PRODUCTION** carried out according to the specifications of the customers order, it is known as “**JOB LOT**”

- Small Production.
- Production Cycle Time.
- Discontinuous Flow of Materials and Components.
- Nature of Supervisions.
- In Process work Inventory.

BATCH PRODUCTION

ADVANTAGES	DISADVANTAGES
Allows flexible production	Production runs of small batches are expensive to produce
Stocks of partly finished goods can be stock piled and completed later, allowing a quick response to new orders	If production runs are different from each other there may be extra costs and time delays in setting up different equipment

MASS PRODUCTION ADVANTAGES

- Increased productivity
- Uniformity
- Lower cost
- Higher quality of life
- Faster production
- Safer medicine
- Less error
- Job specialties
- Increased worker safety
- Rapid evolution