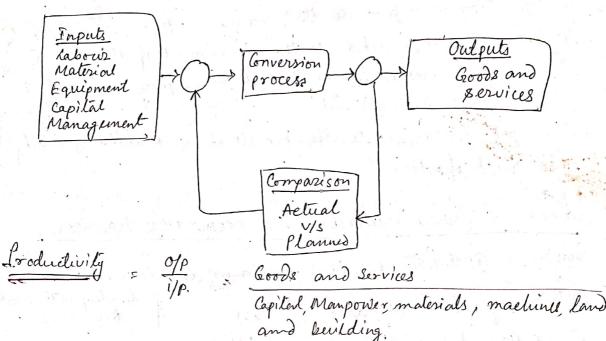
Definition: Froduction is the process by which goods and services are produced.

PRODUCTION AS THE THE CONVERSION PROCESS



Objectives: D. Loodneing the eight Kind of goods and services that satisfy customers need.

1 Maximizing of poods and services with minimum resource input.

(I) Ensuring that goods and services produced conform

to pre-set quality specifications

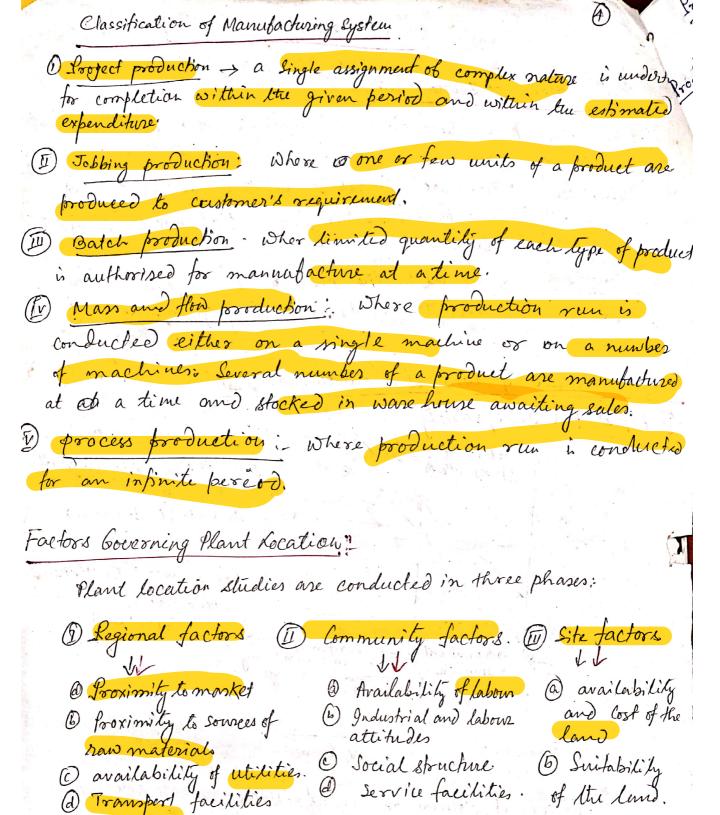
1 Minimising throughful time. the time that elapses in the conversion process, by reducing delays, waiting time and idle line

(E) Maximising utilisation of manfower, maetines de.

1 Minimising cost of producing goods or rendering a service.

Operation Concept of Production: The concept of operation instead of production includes both manufacturing as well as service Organica An operation may be defined "as the process of changing ifp into of thereby adding value to some entity". 1) Alteration -> refers to the change in form or state of i/p Transportation -> refers to the movement of the entity. (1) storage -> refers to the process of Keeping an entity in a protected environment. (Iv) Inspection - refers to the process of verification of entity for its proporties. QUALITIES & RESPONSIBILITIES OF A PRODUCTION MANAGER. Bualities. 1 Intelligence (1) Enthusiasin and perseverance. (II) 9 mogination (II) Les ourceful ness (to stay enthusiastic Selt control (1) Sympathy, (1) Communication ability I (vy) Flexibility. O forecast the orgainement of factors of production. (1) To utilise the factors of production in the most efficient manner. (Ty) To reduce quality cost. (i) To reduce material bounding out. (To continually improve labour productivity To minimise throughput time.

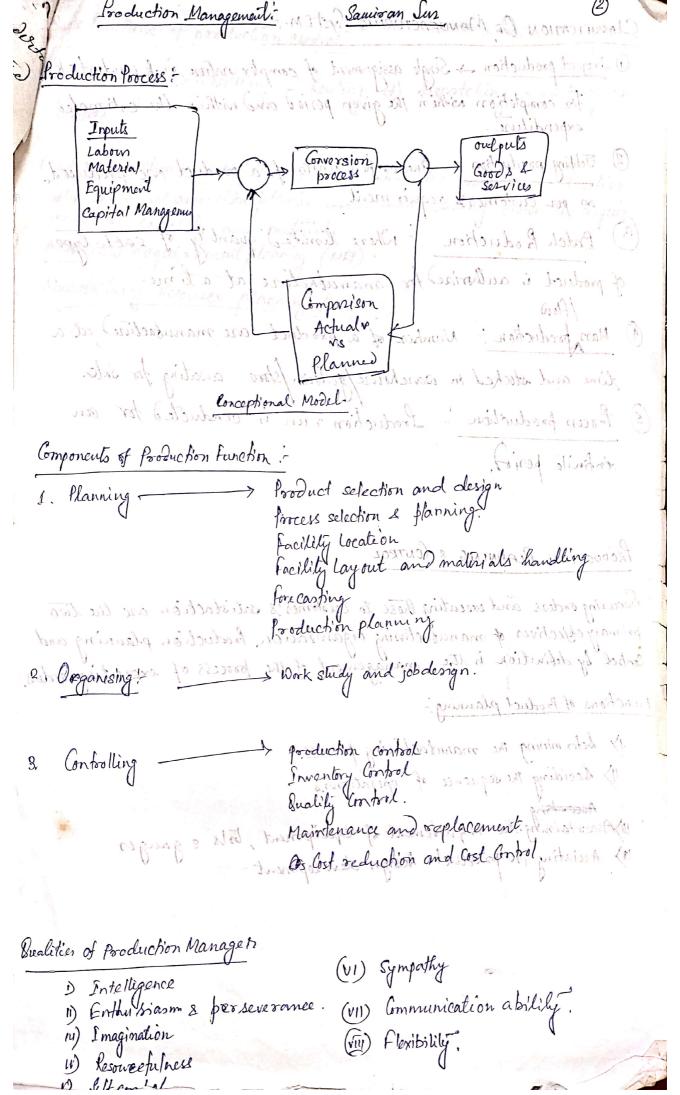
Production: Management (Contd.) (3)
Meaning of product Development:
O Introduction of new products. B Improvement of existing product
(1) -> short tom -> new look, utilise existing equipment and
manbows to tied by equipment on
D → short tour → new Look, utilise existing equipment and manpowers, seilisty immidiate needs, stimulate sals.
-> Long term -> Monopolise live market: anguar land to the
-> Long term -> Monopolise lie market, ensure long term growth, reduce cost of production.
Cost of production
Factors influencing choice of manufacturing system.
@ Effect of volume/variety
Total Cost (Continuous) (intermittent) / variable cost intermittent
(1x1esmany) //
Costs (Continuous)
The state of the s
Fixed Cost (Continuous)
intermittent (intermittent) intermittent (intermittent) manufacturity range range
intermittent it Continuous,
intermittent Continuous manufacturing range volume range
The state of the s
Volum
Effect of volume on manufacturity process selection
- True of vitter on
(B) Capacity of the plant
INI I ARREST ARE TANKE
Capitaling 7 11 1
(b) Capacity of the plant (c) Flexibility & Read time. @ Efficiency (f) Environment



@ Climatic Condition

laws.

(8) Industrial and towation



CLASSIFICATION OF MANUFACTURING SYSTEM !-(1) Iroject production -> Single assignment of complex nature is of undertake of for completion within the given period and within the estimated 1 Tobbing production: One or few units of a product ever produced. as per customer's requirement. Batch Production & Where limited quantity of each type of product is authorized for manufacture at a lime. (4) Man production: Number of a product are manufactive at a time and stocked in warehouse/godown/store awating for Inle. (5) Proces production - Lordner on run is conducted for an Parachon hunching infinité period. हिल्ला उद्यादक्ष र भिवचन PRODUCTION, PLANNING & CONTROL Securing orders and executing those to customer's satistaction are the two primary objectives of manufacturing organization, broduction planning and Control by definition is the management of the process of executing orders. Functions of Product planning :-1) Determining the manufacturing process. (on toollary 1) Deciding the sequence of operations.s. Ascertaining the requirement of equipment, tols 2 gauges Assisting in product lesign development. brotities of production Manage! Rypotuts (10) (iii) (immunications a picchy & macack while

lasic functions of production controli-

(a) Planning b) Scheduling c) Routing d) Dispatching and progress control.

Marter froduction schedule: (MPS) -> 9t Controls the production activities after the formal production plan is some made setting down the requirements for capacity and materials.

Materials requirement planning (MRP)

Manufacturing Resource planning (MRP-11)

ook Study (nethod study).

To increase productivity live important bunctions of production majort are: installation of the most obsertive method of performing the operation and the control of resources - mainly plant labour-required in carrying out the operation.

Method shidy: Method study aims to determine the most effective method of performing a job, the most logical layout of manubacturing, facilities, the smooth fellow X flow of men and materials throughout the organisation and the right placement of inspection stages to enable processing of a job through the simullest possible to time and at the least possible cost.

O or Method sludy is the systematic recording and critical examination of existing and proposed ways of doing work, as a means of developing and applying easier and more ettective methods and reducing Costs.

Basic Basic procedure of method study: and its investigation Method sludy is an organised approach rests on the following six basic sleps.

Step 1 -> Select the work to be analysed.

> P.T.O

Selection of the product.

Selection of the product.

Selection of the product.

Selection of the process, production system, technology.

Selection of flowt location and layout.

Suppliers

Suppliers

Suppliers

Suppliers

Suppliers

Mechnological changer.

Severlopment.

Severlopment.

Suppliers

Suppliers

Moderation on Research & Severlopment.

Suppliers

S

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Financial Management:

Finance is the mojor function of any business. It deals with related matters related to money, its aequisition and proper utilization. It is an arrangement of cash and credit so that an organization can run efficiently and can earry out its objectives as determined.

SCORE / ASPECTS OF FINANCIAL MANAGEMENT:

- 1. Planning for funds or determining the need for funds.
- 2. Procurement of funds from different gources.
- 3. Utilising the funds oftimally.

Objectives of Financial Management:

- 1. Probit Maximisation. ->
 - (a) It justifies reconomie esticiency of an organization.
 (b) It ensures optimum allocation of resources.
 - @ It is a basis for decision making?
 - De Company remains self sufficient of Increase in share prices.
 - 1) It strengths The organisation.

OF FINIANCIAL MANAGENGUT

2. WEALTHMAXIMISATION - Wealth maximization means maximizing the net present value of a course of action. The concept of wealth maximization is based on each flows rather than probits. It considers time value of money and quality of banifits. where widouborg, wooning of private of i choos of shoul tocation and layout. Other objectives. 1 To ensure the regular supply of capital to the bensiness. To ensure a fair rate of return to the suppliers of capital. i.e Share holders, Debentives holders, Bankers etc. James pourse years To ensure the liquidity probitability and sately of the firm. Optimum procurement and utilization of bunds. (3) Welfare of the employees, management, and society as a whole. KOLE DE FINANCIAL MANAGEMENT. Tinancial Management: 1. Finance decisions. 2. Investment decisions of resident que de motorait reforme son à source 3. Dividend decisions. - Return to the share holders: an amongement of civil and enable so that an opposition on ton sur extremely and can compared its objectives as determined. Scope / Aspects Or FINANCIAL MANAGEMENT: 3. Huming too fundes so extensing the need for hunds. c. Errowichert of famile from different sources Condines of Penancial Damagement: 1. Took Mourinisation -Litrarity Morriman africa.

it justifies exercise of the consequences in

course of transme allecation of rescured.

as is a hours for checision making.

A sportly the commission.

costrolization in school prices,