- · By the end of medicivel period, the inception of "trading class" occurred.

- · > Adam Smith father of economics, was born in this period (18th century)
- -> He preached that "individuals" selfictures ultimately make the society wealthy" and "selfishness is . The during force of the economy?
- -> Laisserze Faire Lead alone & he is known by .- "An ideal gout is the one which doesn't interfere in business. of business-

-> How to get such? - Jared Diamond

in this period.

Invention of latthe machine /mother module ownership cog communism. There is no private ownership cog communist Russia.

Slowly, specialist notan eggine, other period agreed a cult of individualisation is e. a period of individual.

Individualisation was based on 3 side.

- Darwin Father of Evolution. He preached " Every living creature we try to maximise his gain even i to it needs to kill the weakest survival of the fittest".
- · Darwin got the inspiration after he visited islands near Ecuador => 4 alpa

offen 1770, England enacted a patent and copyright act". It simply recogn

(ii) the talents of individuals. It brings trapsparency in invention & separation

PPP of India indicates inherent strength of Rupee PPP also depends upon price of commodities e.g. Nescafe costs here 5/- compared to \$1 in US

But real per capita unione (1489\$) shows stress O. UKs introduced mass production of rupes compared to dollar registressal for austomers and portability of strength and also it of A of 64.

exports from exports from Page 4 of 64.

(iii) Interchargeability:

Of shares came into original of shares came into original considers.

· Eli Whitney discovered Cotton Gin (patented)

· cotton gin increased the productivity of cotton industry.

. In 1798, US Stoated a tender of long guns (its armes needed guns). So, Eli used his interchargeability for producing

· He planned the standardisation of gun parti ve he created a machine to . produce only boursels, another to produce

· But, he couldn't assemble the parts due to a small -variation in dismantled parts · He solved the problem within loyer and understood the concept of deaxance and delinered lok gum in 1808 firstead of 1801

· He made special number for standard sizes.

More, production, less price, more affordable for austomers and portability of power

· Yo do all this, money was required and to solve capital problem, floating / advent of shares came into existence.

· Concept of share came to invierse flow of

capital & productivity.

o In 1862, British Parliament enacted "Industrial Act which declared industry. as an individual

Buying shares of a company -> meant lending. movey to an individual it morey the company wees is not paid by the starcholder (owner) but he may losed the morey he unrested. The concept is called "timited liability of the shareholders"

One advantage of this concept is that in can

easily liquidate (sell) we shares.

Fredrick Window Taylor:

· He was a mechanical engineer.

· He invented HSS (high speed steel) tool

He was the Father of Scientific Marie CO. Where is one best method Try to find out that method using experiments.

NoteSale

Out that method using experiments.

Also, standardise the method and cause last harrassment to the worker and last harrassment to the worker and phenomenon of pay the workers according to the measurement is core of scientific marage-

· Lord Kelmin - If u describe the phenomenon in-terms of quantitative no:, then we know what we are talking about

He was a the first person to measure the average day work of a person

Taylor's Methodology of Measuring Work:

· He simply divided large tasks into smeller appropriate units is endivision of labour.

· His philosophy is " For every job / process.

· Soldiering: It was a strategy used by the workers to defend their domain and to defend themselves against more work i workers bringing in their own tools

. He got the idea of analysing work. -> His method: undertook the management task and calculated the optimum weight a worker can lift throughout the day without fatigue.

. He nanufactured different tools for lifting up different materials. e :9. a small should for pig iron (layer a density), a large shovel for wheat husk.

* Self-esteen needs -> If somebody is satisfied with acceptance needs, offer him self-esteem needs.

Highest form of human protesties of society.

after reaching stroppedition, of 16th (2) He went to a place called To passione 18 of 16th (2) He went to a place called To page 18 * Self-Adualisation ->

Actualisation self-esteen :

Physico.

Security

Meraishy of needs

i.e. He is so no more guided by fears of his bose or any other desire. He does that simply because he loves it . It empowers the employees of an organis". It speaks out about lot of autonomy.

Baba Amte - a successful criminal lawye The Idea Factory - Bell Labsfabout 0, Who unvented c++ ? Why he invented c++;

(1) Core 'idea was "ciolation" leads to degradate

(2) He went to a place called Tasmania (Aw) where people had forgotten their skills due to uslation.

Limitation of Maslow's theory:

(1) Man needn't follow this hierarchy as he can jump-start from anywhere.

(2) To implement self-actualism in an organisate is quite difficult.

Stroustrup I Spiristan - 11) worked in Bell labs

> · invented c, C++, Unix (0.5)

(i) Bell Labs succeeded because they work on self-actualisation theory. They give lot of freedom to the researchers.

(iii) He came out with our Copject - Oriented

Programming) and thought existing languages weren't too suitable for human needs. Note: Recently, unrentor of STM (Scanned Turnelling Microscope) died . He was . father of Nanotechnology (HEINRICH) ROHRER.) and model — Herzberg Two factoral Cory

(1) He says that them are 2 kgas of needs eval these 2 reals of the the Preuple's motive 139 (2) There are certain needs which drive the ppl while certain needs provide only satisfaction: (3) He categorised Maslow's needs into 2 parts. (4) Hygiene factors They sumply satisfy the employees e.g. . increments, food needs; they never motival (5) Motivational factors -They motivate the people e.g if is work well, you will be promoted to

General Manager; these are motivators

Lelf-artualis" to give autonomy about the (6) his model is valid for middle to top level executives Akio Morita: (not for workers) (i) Founder of Sony Corporation (2) His book is "Made in Japan" (3) The idea of "Walk-Man" was given by him. actualis motivational self. factor esteem socials acceptance Hygiene Security factors. Physiological needs > Toponese electronics industrialist (4) He had Ibuka as his R&D incharge to create walking (5) Ibuka took the task assigned to him as a challenge and invented it. (6) Ubuka didn't do it out of any greed, but out of self-actualization * James Godown - Invented of MASER (Microware Amplifich by Stimulated Emiss of Radiaty He did his PHD under a prof, who. unwinto A LASER

(7) The higher terrel executives take hygrene factor for granted but for a worker, 80% of his satury is used to satuate his

(i) Pout of Duiding Fertom Motesale. Co. ukscerario changed when not a single worker earner burns whi they be a sure to those with the worker hawker philosophy — Pay more to those with the worker an ani way to those with the worker are an ani way to those with the worker are an ani way to those with the worker of the second the worker are an ani way to those with the worker of the second the worker are an ani way to those with the worker are an ani way to those with the worker are an ani way to the second the worker are an area of the worker are to those with the worker are to the second the worker are to the worker are to the second the worker are to the

- Western Electrical Plant is tocated here production has 20,000 workers
- . It is a idenision of AT &T (American Telephone & Telegraph)
- · It's founder was none other than Menander Graham Bell.
- · The R&D part of AT&T Bell labs Product " " - W. Electrical
- · These experiments started in 1923 & ended in 1927.

o The motivation for his exp. was that workers were not giving out their

Jaylor's philosophy - Pay more to those who

Elton Mayo. & R-J. Roethelis berger

- · These 2 were brought from Harvard to investigate about the so half hearted approach of the workers
 - . They found out that may be the physical environment og work shedule is (are) hindering - the workers to perform well- 71923-27
 - · They performed Lighting Experiment

overight, rather he strictly adheres to the norms of the group; Enddresses his subordinates with their first rames.

The primary groups influence the working and cause the

formath of "informal organisativest Coase".

If the organish is until well then the norms of primary group in tin their with he common actions a creased better than formal organish structure organish structure.

/ Any manager has to influence the reason primary groups. or identify a group and influence its leader.

· Formal organish structure a highly biveauciatic (red tape)

· Managers always try to plague the primary groups as they fear they may develop their own norms. They plague the groups by transferring them . But this is harmful as it courses chaos and unidores mob fivry. Hence, managers are admied

to develop a sense of ownership among primary groups . Deep of P.G.

· A prinary group at max. has 5-7 members and they interact regularly. A primary group is formed when people. with physical limitations meet.

· People say, "It is better to lead a primary group than to lead a mob".

headership - (viterias) (1) heradership is always based on situations e.g. when ppl. find sb-suitable for a situate, they choose him as their lead

(2) headers errolve from a group when the - satisfy group norms.

(3) A good leader will lead people with minimum times limits. Hrough medici of primary groups A good manager operates through primare

(4) Malo effect - appearing to be derive e.g. a leader should use Halo effects · ie. a Mader is democratic (NTR used this effect).

(3) Positioning It mean reserving yourself a slot 18 with certain characteristics in a given segment. e.g. Mariti Stringray lambhorgin - counts on performance & Rolls Royce — counts on social estate CO. Christophility

Mercedes — emphraine M. design as God Customer cas

Some constitle have one Rose Rose Colonia Constantial Constantia Somprevie Wharp are Bot n as well e.g. Coalgate - tooth decay segment Pepsodent - germicheck So, tookpastes positions itself themselves in segments as well (4) 4 P's of Marketing mix : (1) Product (2) Place (3) Promotion (4) Price (1) Production you mix these 4 P's properly. success is a far-fetched dream. * austoners are very choosy, cautions etc so we have to win from 8 - dimensions -

(i) Strength

(11) Performance

(ii) Features fe.g. whother a walkman has base, wook

(iv) Reliability - is measured through MTBE i et Mean Time between Failures Storgen Ho, MESE, reliable is product

means how easily you can access the custo mei care

lin MTTR - Mean Time to Repair i.e. how much time is required to bring a product back to work.

(viii) Aesthetics means the look, colows, dynamics of a product

(viii) Brand e.g. Raymond - The Complete Man (viii) Warranty

These of dimensions come under product

Note: Mercedes ! latest ad eampaign was! The only sound you hear in own car is the tick of . your watch'

* If a say no too many times to a cus. tomers, u will lose his goodwill. Your losses are: · Tangible

91 What to buy? } gues, for a green for a factory. 93 When to buy?

sor 1 -11) we must see if it's cheaper to buy from market than making it in house.

e.g. bolts and nite: Mass product may make market producte cheaper for you

(ii) you may get expertise in the market

(iii) Maybe, you don't want to share

the secret formula of a product - making so you make it yourself

Sol 2: 2 Modelled by F. W. Harris in 1915

· His work was to arrive at an optimal frequency of buying

· He's models were tounched to make products simple and feasible.

His assumptions - fin EOG model 4

(1) Demand rate is constant It is not possible in a real life. situato & you can't keep inventory ant as cone.

(2) head time is constant: It is the time gap when you order and when you actually get the naterial. e.g in India, it can't be kept com

(3) More stock - outs: It means there are more situations of saying no to customers. If assumpt 1 and 2 are true.

e g. Buy 1 get 1 In real life, we violate this assump".

(5) Instantaneous Replenis hment : If you order 3000 units (say), all 3000 units shall come in one go and no instalment business should be entertained. However in real life, we expenence itie volation

(6) Only 1 item per order : This rarely happens in practice as normally, we order 2 or 3 products from a supplier to save transport.

These assumptions are like benchmarking & similar to Carnot eycle (ideal) Carnot cycle 6 Assumptins (1) It defines max. of for It defines maxicomparison of engine mun inventory & efficiencies compare real life situations with it

If 6 assumptions are assumed to be ideal , we have to figure out now much the we are deviating from ideal situator

