

What Business Are We in?

Service Vs Manufacturing Processes		
Manufacturing process	Service	
hysical, durable output ulput can be inventoried ow customer contact ong response lime apital intensive uality easily measured	Intangible, perishable output Output cannot be inventoried High customer contact Short response time Labor intensive Quality not easily measured	

Aeasuring quality of service provision:

- secret shopper C
- Customer satisfaction level and Customer Complaints
- Customer loyalty- repeat purchase or renewals

#### **Customer Service is Important**

- · Part of the package of benefits that a customer buys - i.e. part of marketing mix
- Provides a way to differentiate a product
- · Helps keep customers & win new ones
- Makes customers feel valued
- Important source of customer feedback
- · It helps attract and retain good quality employees

	0	Capacity affects the ability of a firm to match supply to
e		demand

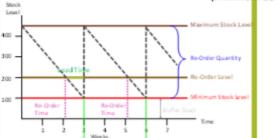
- Capacity utilisation affects whether resources are being used efficiently or whether they are lying idle
- Low capacity utilisation will mean that resources are not ۲ being made to work effectively for the business, this will result in high unit costs
- High capacity utilisation will mean the firm is "sweating " ۲ its assets i.e. they are being made to work hard for the business
  - This will result in lower unit costs
  - 0 But may affect quality and cause stress to the resources e.g. workers being pushed to work hard or no maintenance time for machinery

### Actual level of output

#### Maximum possible output

Effective Stock Control Average Stock Level =

(Minimum Level + Maximum Level)/2



#### Stock

Recap. Capacity is t naximum

mount of

achievable if all resources are

fully utilised.

tilisation is a

neasure of the

ercentage of

otential output

eing achieved.

Capacity Utilisation Formula:

Capacity

output

### Having stocks enables: -

Goods to be available for production

- Delivery to customers
- Shows the goods available for production
- Enables customer demands to be met
- Allows discounts to be given for bulk buying

BENEFITS OF FULL CA- PACITY	COSTS
Reduces unit costs- more compet- itive	Time for maintenance lost
Fixed costs spread over more goods	Can't meet more orders in short term
Less wastage of resources	Pressure on employees
Employees busy	Quality level affected

Is there an ideal level of capacity utilisation? The answer is - it depends!

There are several reasons why businesses operate at less than 100% capacity utilisation: Lower demand

- · General reduction in overall market demand
- · Loss of market share

· Seasonal variation in demand

#### Increase in capacity not yet matched by increased demand:

- · Possibly new technology introduced
- · Provide some "slack"

#### Inefficiency (a problem = less competitive unit costs)

· Poor maintenance, guality, employee disruption

### **Factors Influencing Stock Levels**

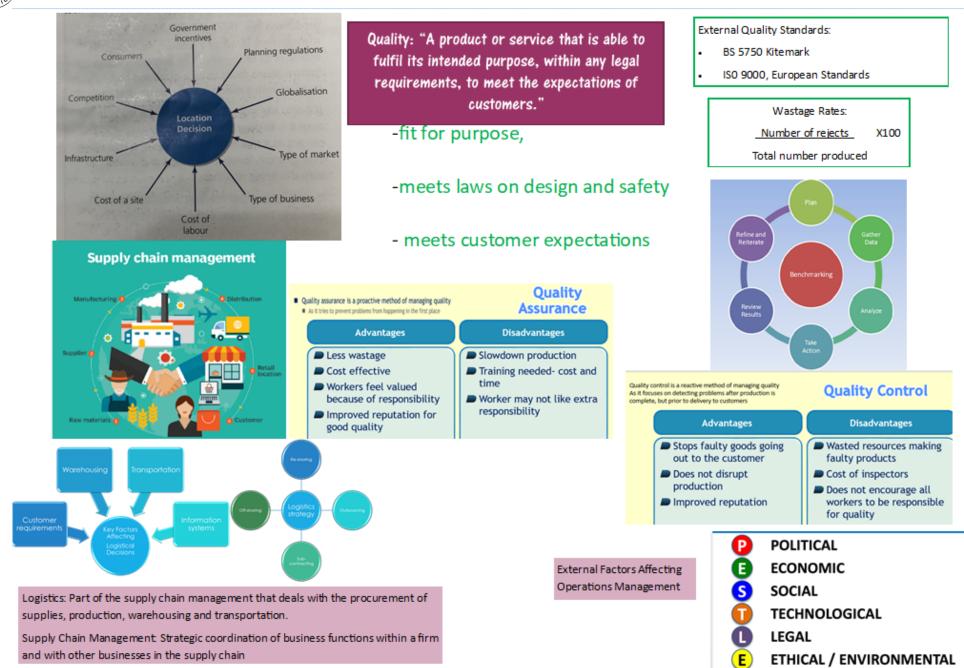
- The level of demand
- Unpredictability of demand
- Degree of spoilage/ perishability
- Rental costs for storage
- Bulk-buying discounts
- Reliability of suppliers
- Competition luxury/necessity
- JIT

X 100

Holding Stock Benefits	Holding Stock Drawbacks
•Satisfying Demand	•Storage costs •
•Coping with fluctuations in demand •	Opportunity Costs
Buffer stock to meet late deliveries •	Depreciation/Obsolete stock
Cost savings due to purchasing economies of scale	•Security Cost
	Insurance costs











When two numbers

come together we

highest number for

the EST. As the next

task can' start until

these joining tasks.

the latest time of

need to use the

