High contestibility (behaves like perfect comeptition)
-Low barriers to entry-low sunk costs, low consumer loyalty, demand is highly elastic
-many new entrants willing and able to enter the market
-equal access to industry technologies

Low contestibilitly(behaves like a monopoly)
-High barriers to entry-low sunk costs, high consumer loyalty, demand is highly inelastic
-few new entrants willing and able to enter the market
-Unequal access to industry technologies due to patents

Advantages of high contestibility
-allocative effeiciency
-prodcutive effeiciency
-X-effeciencies: waste minimised
-Job creation: higher quantity in the
market so more labour needed

Disadvanatages of high contestibility
-lack of dynamic effeiciency
-Creative destruction

Actions of incumbent firms to make market
less contestable (to hold their large profits)
-Predetory pricing
-excessive advertising
-set lower prcies to prevent making supernormal
profits as this will attract new entrants(so sacrifices SR profits)

becuase supernormal profit are competed away

Evaluation

-length of contestibilitly- if incumbent firms use anticompetative strategies it won't be contestable in LR
-role of technology - decreases barriers but patents reduces contestibility
-regulation - prevents strategic behavior by incumbent firms

-dynamic effeciency- there still may be this as new firms bring in new inventions

Hit and run: firms enter when there are large supernormal profits to be made, and leaves when prices are drvien down to normal profit levels -in LR contestable markets move towards allocative and productive effeiciency

Ecnomies of scope

-Economies of scope happens when it is cheaper to produce a range of products rather than specialize in a limited number.
 -Procter and Gamble and Gillette merger allowed for more products to be sold through common branding, channels and logistics

Contestibility of firms to enter a specific market

Section 4: Diminishing returns, Technology, Contestibility Diminishing returns
-Variable FOPs are added to a fixed factor,
resulting in falling TP, AP and MP (graph is opposite)

Increasing returns to scale when FOP increases, output increases at a faster rate

Returns to scale (production in the LR) How output changes as input increases Constant returns to scale when FOP increases, output increases at the same rate

Decreasing returns to scale when FOP increases, output increases at a slower rate

MES(Minimum efficient scale)
-MES at a high qunatity for industries with high fixed costs(many large firms)

-Normal profit: TR=TC, economic profit of zero which is the min level needed to keep resources in their current use in LR -Supernormal profit: TR>TC,

Profit (TR-TC)

Role
-incentive to invest
-incentive for entrepreneurs to take risk
-promotes dynamic, allocative
and productive efficiencies
-signal for other firms to enter the market

knowledge to production methods
-technical EOS is achieved
-tech advancements can reduce
or increase barriers to entry

Creative destruction

Invention: advancements in pure science

Innovation: application of new

Technological change (industries become more capital intensive and less labour intensive)

Technological changes:
-Structure of market
-Production methods
-Consumption of G and S

Creative destruction
-markets constant changing due to tech
advancements destroy industries and
jobs and create new ones
-in LR jobs will also be created
-railroads destroyed canals, while motorways
and lorries destroyed railroads

Examples

-internet has reduced barriers to
entry due to more online retailing
-Cars are cheaper and more effcient
-Uber dominating the taxi market
-Air bnb impacts established hotel chains
-music and video online streaming
-diverse range of products _
_-tech advancements improves
knowledge and knowledge of prices

(2) High contestibility (behaves like perfect comeptition) -Low barriers to entry-low sunk costs, low consumer loyalty, demand is highly elastic 0 -many new entrants willing and able to enter the market -equal access to industry technologies Low contestibilitly (behaves like a monopoly) -High barriers to entry-low sunk costs, high consumer loyalty, demand is highly inelastic -few new entrants willing and able to enter the market -Unequal access to industry technologies due to patents Advantages of high contestibility -allocative effeiciency -prodcutive effeiciency -X-effeciencies: waste minimised -Job creation: higher quantity in the market so more labour needed Disadvanatages of high contestibility -lack of dynamic effelciency -Creative destruction Contestibility of firms to enter a specific market Actions of incumbent firms to make market less contestable (to hold their large profits) -Predetory pricing -excessive advertising -set lower proies to prevent making supernormal profits as this will attract new entrants(so sacrifices SR profits) Evaluation -length of contestibility- if incumbent firms use anticompetative strategies it won't be contestable in LR -role of technology - decreases barriers but patents reduces contestibility -regulation - prevents strategic behavior by incumbent firms -dynamic effeciency- there still may be this as new firms bring in new inventions Hit and run: firms enter when there are large supernormal profits to be made, and leaves when prices are drvien down to normal profit levels -in LR contestable markets move towards allocative and productive effeiciency becuase supernormal profit are competed away Ecnomies of scope -Economies of scope happens when it is cheaper to produce a range of products rather than specialize in a limited number. Procter and Gamble and Gillette merger allowed for more products to be sold through common branding, channels and logistics

1 Each additional worker brings more output so Mp 1 ① Diminishing returns set in when each additional worker brings less output Fixed Follo become constraint on production AP (1) As soon as MP < a, then TP starts to decrease Diminishing returns
-Variable FOPs are added to a fixed factor, resulting in falling TP, AP and MP (graph is opposite) Tuan him Increasing returns to scale of works when FOP increases, output FOP increases at a faster rate Constant returns to scale when FOP increases, output increases at the same rate Returns to scale (production in the LR) Decreasing returns to scale when FOP increases, output How output increases at a slower rate changes as input MES(Minimum efficient scale) increases -MES at a high qunatity for industries with high fixed costs(many large firms) quentry of -Normal profit: TR=TC, economic profit of zero which is warkers / Frof the min level needed to keep resources in their current use in LR -Supernormal profit: TR>TC. Profit Role (TR-TC) -incentive to invest Section 4: Diminishing returns. -incentive for entrepreneurs to take risk Technology, Contestibility -promotes dynamic, allocative and productive efficiencies -signal for other firms to enter the market Invention: advancements in pure science Innovation: application of new knowledge to production methods -technical EOS is achieved -tech advancements can reduce or increase barriers to entry Technological change (industries become more capital intensive and less labour intensive) Technological changes: -Structure of market -Production methods

-Consumption of G and S

Creative destruction -markets constant changing due to tech advancements destroy industries and jobs and create new ones -in LR jobs will also be created

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Examples -internet has reduced barriers to entry due to more online retailing -Cars are cheaper and more effcient -Uber dominating the taxi market -Air bnb Impacts established hotel chains -music and video online streaming -diverse range of products \ \ -tech advancements improves knowledge and knowledge of prices