**Fisheries and Aquaculture Test Review**

**Marine Resources:**

* How are marine resources classified?
* Value of fisheries in Nova Scotia
* Main fishing areas of Nova Scotia
* Types of Commercial Fisheries
* Fishing Methods
  + Trawling, dredging, gill net, drift net, purse seine, long lining
  + Description, impact on environment
* By-catch
* Impact of technology

**Overfishing:**

* What is fishing?
* Why do we fish?
* Effects of fishing on humans
* Terms: Maximum sustainable yield, by-catch, overfished, commercial extinction
* Overfishing vs. overfished
* Consequences of overfishing
* Tragedy of the commons
* Northern cod fishery
  + Why did this fishery collapse?
  + What were the impacts of the collapse of the fishery (human and ecological)
* Explain why predicting catch allotments is so difficult
* Consumer power
* Describe the legislations that are in place (TACs)
* Other solutions (MPAs)

**Aquaculture**

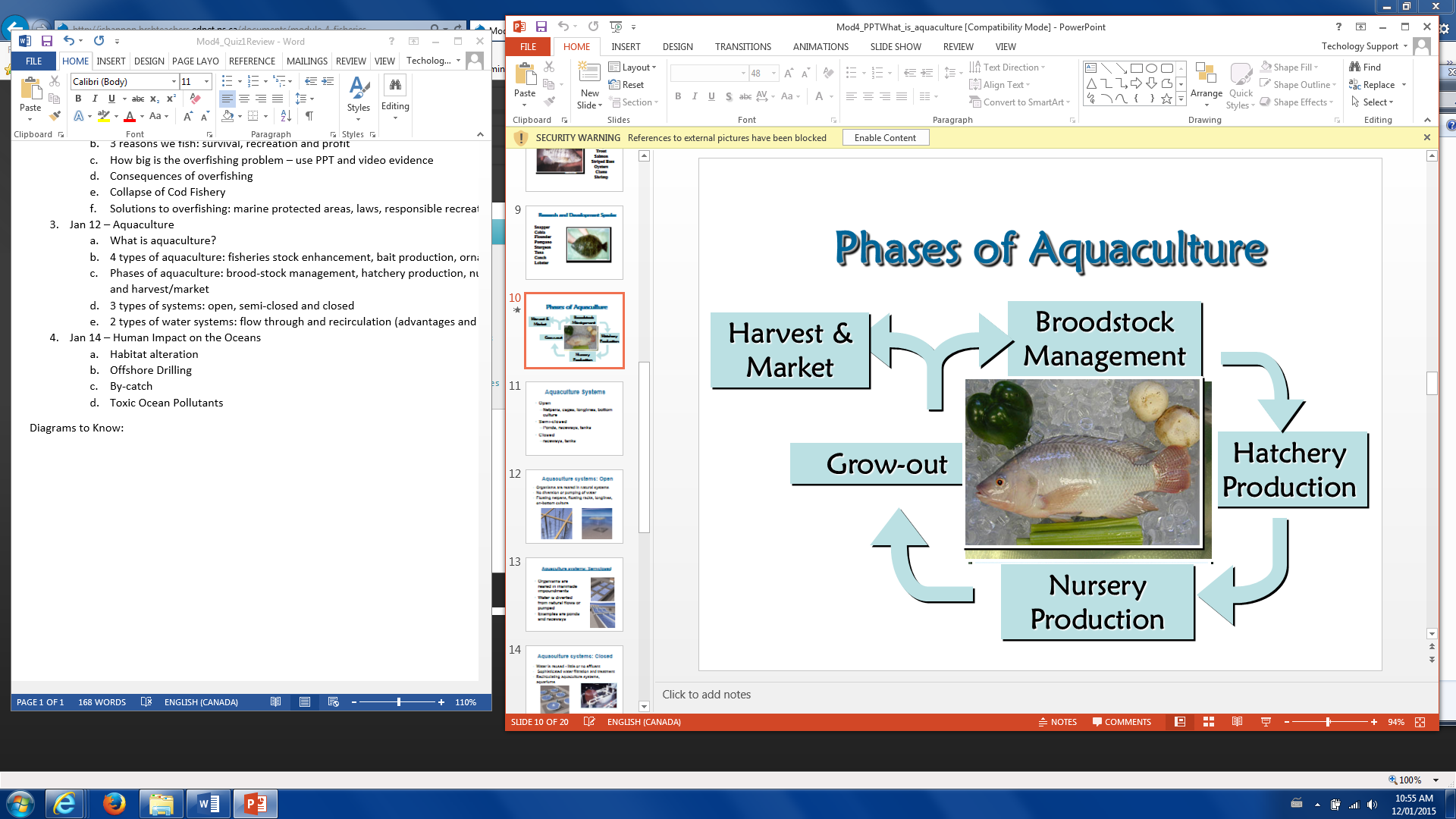
* What is aquaculture?
* Aquaculture vs. Agriculture
* 4 types of aquaculture: fisheries stock enhancement, bait production, ornamentals and biomedical
* Phases of aquaculture: brood-stock management, hatchery production, nursery production, grow out and harvest/market
* 3 types of systems: open, semi-closed and closed
* 2 types of water systems: flow through and recirculation (advantages and disadvantages)

**Good and Bad of Aquaculture**

* Economic impacts
* 3 industry drivers: Rural, Scientific based and market based
* Impact of industry on jobs
* Negative impacts of aquaculture
  + Habitat degradation
  + Fish Meal
  + Introduction of Exotics
  + Spawning difficulties
  + Disease
  + Pollution

**Diagrams to Know:**

Label:



Analyse:

