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APES- Chapter 12 Review

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| **Across**  **4.** Traditional \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ agriculture relies on low-input polyculture and relies on human labor and draft animals to produce enough food for a family.  **6.** Process of genetically altering an organism’s DNA (GMOs) to have favorable traits is known as?  **7.** The #1 Cause of food insecurity is?  **8.** The 3 main grain crops are: wheat, rice, and \_\_\_\_\_\_\_.  **12.** First generation pesticides were borrowed and produced from plants, while second generation pesticides are produced in \_\_\_\_\_\_\_\_.  **15.** The process of growing plants inside a greenhouse with water troughs and recycling the water and using it to water plants by “artificial rainfall” is known as?  **17.** Define: People have access to enough nutritious food to live active and healthy lives.  **18.** Deficiencies of protein and key nutrients is known as chronic \_\_\_\_\_\_\_\_\_\_\_\_\_.  **19.** Political upheaval, \_\_\_\_\_\_\_, corruption, and bad weather can all cause food insecurity.  **20.** The main goal of the \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ was to increase crop yields. | **Down**  **1.** The 3 systems of food supply include: rangelands/feedlots, oceanic fisheries/aquaculture, and \_\_\_\_\_\_\_\_\_.  **2.** Soil conservation methods including terracing, contour planting, strip cropping, alley cropping, and windbreaks are all ways to reduce soil \_\_\_\_\_\_\_.  **3.** Define: Form of agriculture where heavy equipment is used alongside large use of fossil fuels, commercial fertilizers, and pesticides; main goal of this type of agriculture is to increase crop yield.  **5.** \_\_\_\_\_\_\_\_\_ are chemicals used to kill or control populations of pests.  **9.** \_\_\_\_\_\_\_\_\_\_ -and-burn agriculture involves the process of cutting and clearing land and then burning the area to restore nutrients into soil and reduce soil erosion.  **10.** Define: A problem in developed countries; obesity; Excess body fat from too many calories and not enough exercise.  **11.** Define: The process of raising marine and freshwater fish in ponds and underwater cages; blue revolution.  **13.** Define: An urban area where people have little to no easy access to nutritious food.  **14.** In plantation agriculture, \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ such as bananas, tobacco, etc. are grown for profit. Plantation agriculture is primarily in less-developed countries.  **16.** Define: The process of growing several crops on the same plot of land simultaneously; opposite of monoculture. |

   Food security       Poverty       Overnutrition       Industrialized Agriculture       Genetic Engineering        Polyculture       slash       Aquaculture       Croplands       War       Green Revolution        erosion       Pesticides       Labs       Food Desert       Malnutrition       Hydroponics       Corn       cash crops       Subsistence