

BIOLOGY -10

Unit :3 - Chemical messages for Homeostasis

work sheet -8

Based on the online class -23

1. Define pheromones.
2. What are the functions of pheromones?
3. Make the suitable pairs using the items given below

Muscone , Bombykol Female silk worm moth
Civeton , Musk deer , Civet cat

4. Complete the table using the hints related to plant hormones and its functions

Hints: - Auxin , Cytokinin , Gibberellin , Abscisic acid , Ethylene

Function	Plant Hormones
Cell differentiation	
Sprouting of leaves	
Ripening of leaves and fruits	
Promoting the growth of terminal buds	
Dormancy of embryo	

5. Re arrange the column B in accordance with column A

A- Artificial Plant Hormones	B- Use
Auxins	For the flowering of pineapple plants at a time
Gibberellin	To prevent the dropping of premature fruits
Ethylene	For harvesting fruits at the same time.
Abscisic acid	For increasing fruit size in grapes and apple

6. Prepare a note about the advantages and disadvantages of the Artificial Plant hormones

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