

16/9/2020
WEDNESDAY

BIOLOGY

STD - X
class - 23

Assignment

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

Ans)

Functions	Plant Hormone
Cell differentiation	Cytokinin
Sprouting of leaves	Auxin Gibberellin
Dormancy of embryo	Abscissic acid
Ripening of fruits	Ethylene
Promoting the growth of terminal bud	Auxin

2) Prepare a note about the advantages and disadvantages of Artificial plant hormones.

Ans)

Advantages

- * Sprouting
- * Prevents premature fall of fruits.
- * Medicinal action.
- * Increases size of fruits.
- * Ripening of fruits.
- * Increases production of latex in rubber trees.
- * Harvesting fruits at the same time.
- * Prevents early ripening of fruits.

Disadvantages

- * Environmental issues
- * Health issues