

INDIAN SCHOOL NIZWA

CLASS XIA: SUB: BIOLOGY , CH-13 WORKSHEET

1. Name the plant hormone that can delay senescence.
 2. A gardener finds some broad-leaved dicot weeds growing in his lawns. What can be done to get rid of the weeds efficiently?
 3. List the uses of Auxin. Briefly describe a) Abscission
 4. The role of ethylene and abscissic acid is both positive and negative. Justify the statement.
 5. Identify the gaseous plant hormone. Describe its actions in plants.
 6. Define parthenocarpy. Name the plant hormone used to induce parthenocarpy.
7. What would be expected to happen if:
- a) GA3 is applied to rice seedlings.
 - b) Dividing cells stop differentiating
 - c) A rotten fruit gets mixed with unripe fruits.
 - d) You forgot to add cytokinin to the culture medium
 - e) Induce immediate stomatal closure in leaves
8. Which one of the plant growth regulators would you use if you are asked to:
- a) Induce rooting in a twig
 - b) Quickly ripen a fruit
 - c) Delay leaf senescence
 - d) Induce growth in axillary buds
 - e) Bold a rosette plant
- 9.) Abscissic acid is also known as stress hormone. Why?
10. 'Ethylene is unique among phytohormones.' comment.