People’s Democratic Republic of Algeria

Ministry of Higher Education and scientific research

University of L’Arbi Ben Mhidi -OEB-

Faculty: Faculty of Exact Sciences, natural and life sciences

Department: Department of Natural and Life Sciences

Module: Scientific English Name:…………………….

Plant Biotechnology

***First term exam***

Exercise one: There are four steps to follow in order to have a good presentation. Name them. (4 points)

* Plan
* Prepare
* Practice
* Present

Exercise two: Fill in the gaps with the right word/ words: (5points)

Tissue culture- insect- resistant crops - genetically modified (GM) - crops- reduced pesticide -selective breeding- plant genetics

Early cultivation and selective breeding of plants by farmers and horticulturists were the precursors to modern plant biotechnology. Tissue culture techniques were developed, allowing plant cells to be grown in vitro. The first genetically modified (GM) plants, such as the Flavr Savr tomato and were developed and commercialized in the 1990s. These crops offered benefits like reduced pesticide use and increased crop yields.

Exercise three: Say whether these statements are true or false. (6 points)

1. Plant biotechnology is a branch of biotechnology that focuses on using genetic engineering techniques and molecular biology to modify plants for various purposes. True
2. Plant biotechnologists use genetic engineering to introduce or modify specific genes within a plant's genome. True
3. Roots anchor the plant in the soil and absorb water and essential minerals. They also store carbohydrates. True
4. Plant biotechnology plays a crucial role in crop improvement. Scientists cannot create genetically modified (GM) crops that have higher yields. False
5. Stems provide structural support for the plant and transport water, nutrients, and sugars between the roots and leaves. True
6. Fruits develop from the ovary of a flower and protect and disperse seeds. True

Exercise four: Match each phrasal verb with its meaning (5 points)

* Go on - to tidy an area
* Back up -to relax
* Clean up - to interfere with a relationship

between two people

* calm down -to continue
* come between - to support or defend so

