

**Tutorial N° 8**

1- Complete the table below by presenting the characteristics of each stage of the evolution of Biotechnology.

Ancient Biotechnology	Classic Biotechnology	Modern Biotechnology

2- Classify the following products in the table below:

vaccines and antibiotics, dyes and pigments, reduction in the use of insecticides, enrichment of plant heritage, industrial oils, reduction in soil erosion, development of medicines, removal of contaminants, paper pulp, human proteins, delayed fruit ripening, insect-resistant plants.

Red Biotechnology	White Biotechnology	Yellow Biotechnology	Green Biotechnology

3- Check the correct answer(s).

a- Green biotechnologies aim to:

- Multiply and modify plants
- Create new varieties of plants
- Multiply and isolate plants
- Multiply and select plants

b- Which one of the following types of a cell has the ability to develop into any type of all?

- Endodermal cell
- Ectodermal cell
- Muscle cell
- Stem cell

*We wish you good luck*