

## Intro to Biotech 1

Biotechnology is a very fascinating branch of Science. It combines the study of Biology and even Technology. But how do we combine the two completely different fields? Watch this video to learn some interesting things about the field of Biotechnology.

**Watch the video and solve**

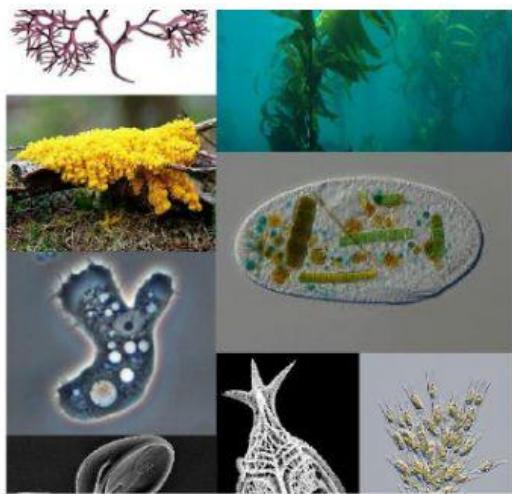
### **Biotech 1 :**

#### **1. Choose the right answer :**

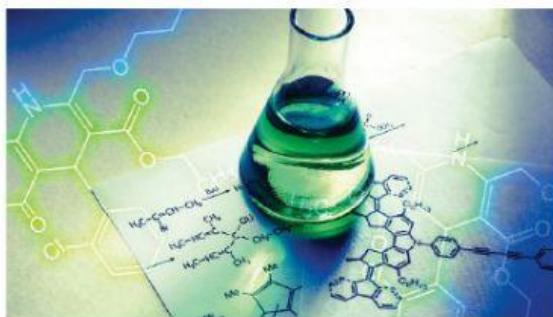
1. What is lactose?
  - a. It's found in food packets
  - b. It's the natural sugar
  - c. It's the sugar found in milk
2. Why should we get rid of lactose?
  - a. Because it's a tag in products
  - b. Because many people have intolerance towards it
  - c. Because there wasn't an option a few years back
3. Why is it possible to get rid of it, now?
  - a. Because it can be produced
  - b. Because of the advances of biotechnology
  - c. Because of the intolerance towards this natural sugar.
4. What is biotechnology?
  - a. The utilization of organisms or a part of the organism or any biological process
  - b. The technology for biomes.
  - c. The biology for organisms of technology

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2. **Connect the words and their meanings.** Write the letter in the second column



organism		A	very light because it has a lot of air in it
product		B	a thing or person that is the result of an action or process.
by- product		C	a thick, malleable mixture of flour and liquid, used for baking into bread or pastry.
biological process		D	a microscopic fungus consisting of single oval cells that reproduce by budding, and capable of converting sugar into alcohol and carbon dioxide.
dough		E	is the process vital for a living organism to live.
yeast		F	a chemical process in which substances act mutually on each other and are changed into different substances, or one substance changes into other substances.
reaction		G	a distinct compound or substance, especially one which has been artificially prepared or purified.
fluffy		H	an incidental or secondary product made in the manufacture or synthesis of something else.
chemical		I	a form of life composed of mutually interdependent parts that maintain various vital processes



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3. **Complete this text with the missing words** (one word for each space). All the information you need is in the video.



We know how bread is made. The ..... is added with the ..... like ..... which help in releasing certain chemicals. The ..... ultimately give us the soft and ..... loaf on baking.

Processes like ..... are considered as a part of classical ..... as they include the utilization of ..... Thus obtaining ..... for human benefit like ..... items, ..... hybrid ..... and so on, are all possible due to biotechnology.

