

## Quiz #1

Name:

No.:

**-[T] or [F] correct the false one:**

1-Plasmids are circular deoxyribonucleic acid molecules that replicate dependently of the bacterial chromosome.[    ].

2- Plasmids are not essential for the bacterium but may confer a selective advantage[    ].

3-As in the growth curve of bacteria, log phase is when the bacterial cells adapt themselves to growth conditions. [    ].

**Answer the following questions:**

-Why did we use 70% ethanol in the plasmid isolation?

-At the beginning of your work in the lab [see cell lyses and recover of plasmid steps] you filled your eppendorf tube twice with the culture containing the bacterial cells with centrifugation after each filling step, Why?

-Using base pH and SDS detergent did not affect the plasmid from disruption, why?

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