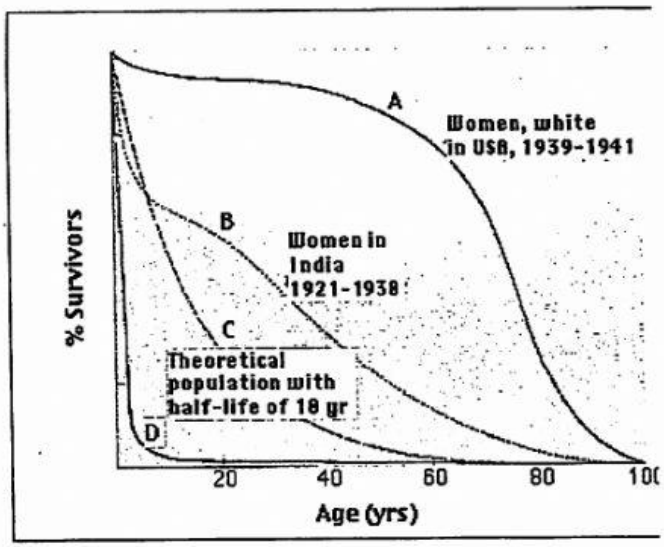
Graph 3- Survivor Graphs
Graph 3 shows 4 different growth curves- A, B, C & D.

Curve A shows a white woman's life expectancy in the USA.
Curve B shows an Indian woman's life expectancy in India.
Curve C shows fish's life which has an equal chance of dying at any age.
Curve D shows an oyster's life in which there are many young but few survive to adulthood.



1. Who has a better chance of surviving infancy - Indian or American women? _____

2. At what age are most oysters dead? _____

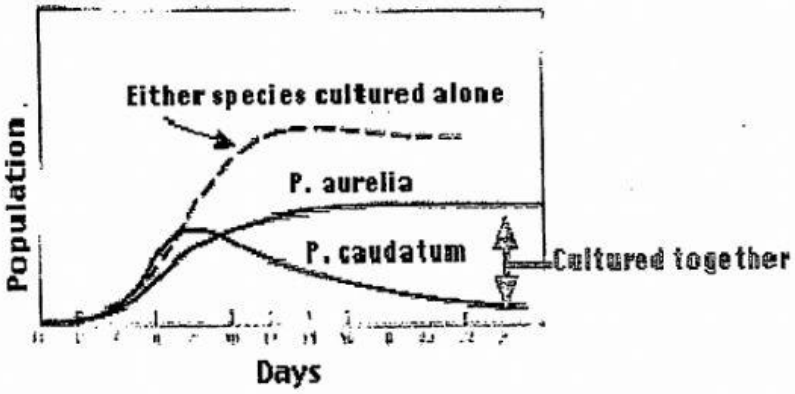
3. At what age are most fish dead? _____

4. Look at Curve A. Notice that it levels off between the ages of 20-40. What does this mean?

_____

5. Which has a longer life expectancy - fish or oysters? _____

Graph 4 - Competition Curve
Graph 4 shows the growth of 2 species of bacteria grown on the same petri dish. It also shows their growth rate when grown separately.



1. Which of the 2 types of bacteria will soon die? Why? _____

_____

2. Which of the 2 bacteria strains is better adapted for competition? _____

3. How is the growth rate for P. caudatum different when it is grown alone? _____

_____

4. What happens to the growth rate of P. aurelia around day 12? _____

_____

LIVEWORKSHEETS